



CERTIFICADO DE HOMOLOGACIÓN DE TIPO UE DE VEHÍCULO COMPLETO /

EU WHOLE-VEHICLE TYPE-APPROVAL CERTIFICATE

EXTENSION IX

Comunicación relativa a / *Communication concerning:*

- ~~La homologación de tipo UE de un vehículo ⁽¹⁾ /~~
~~EU whole-vehicle type-approval ⁽¹⁾~~
 - La extensión de la homologación de tipo UE de un
vehículo ⁽¹⁾ / *extension of EU whole-vehicle type-approval ⁽¹⁾*
 - ~~La denegación de la homologación de tipo UE de un~~
~~vehículo ⁽¹⁾ / *refusal of EU whole-vehicle type-approval ⁽¹⁾*~~
 - ~~La retirada de la homologación de tipo UE de un~~
~~vehículo ⁽¹⁾ / *withdrawal of EU whole-vehicle type-approval ⁽¹⁾*~~
- } de un tipo de vehículo completo /
of a complete vehicle type

en relación con el Reglamento (UE) n° 168/2013, modificado en último lugar por el Reglamento (UE) n° 2020/1694
/ *with regard to Regulation (EU) No 168/2013, as last amended by Regulation (EU) No 2020/1694*

Número de homologación de tipo UE / *EU type-approval number* : e9*168/2013*11263*09

Motivo de la extensión / *Reason for extension:* Ver informe CN22110085 / *See test report CN22110085*

SECCIÓN I / *SECTION I*

- 0.1. Marca (nombre comercial del fabricante) /
Make (trade name of manufacturer) : Shansu, Rooder, MALCOR, EGREEN,
Strollwheel, E-CRUIZER, Anwa,
YUHANZHEN, RUNSCOOTERS, I-RUNFLY,
PUGGI, fatbee, ORIDINGWAY, HOLYSO,
Hecht MOTORS, Easycool, Jenquip,
NEW EXAMPLE, XIN BANGYANG,
CITYCOCO, MALCOR IBERICA,
MTR BIKES, RETELLI, eMobility, MINGTO,
JRH
- 0.2. Tipo ⁽²⁾ / *Type ⁽²⁾* : CP-1
- 0.2.1. Variantes ⁽²⁾ / *Variant(s) ⁽²⁾* : 00, 01
- 0.2.2. Versiones ⁽²⁾ / *Version(s) ⁽²⁾* : 0, 1
- 0.2.3. Denominaciones comerciales (de haberlas) /
Commercial name(s) (if available) : EGREEN, electric scooter, HECHT COCIS,
HECHT COCIS ZERO
- 0.3. Categoría, subcategoría y subsubcategoría del vehículo ⁽³⁾ /
Category, subcategory and sub-subcategory of vehicle ⁽³⁾ : L1e-B

⁽¹⁾ Tachar según proceda / *Delete where not applicable*

⁽²⁾ Indicar el código alfanumérico de tipo-variante-versión o «TVV» asignado a cada tipo, variante y versión, conforme al punto 2.3 de la parte B del anexo I / *Indicate the alphanumeric code Type-Variant-Version or "TVV" allocated to each type, variant and version as set out in point 2.3 of Part B of Annex I*

⁽³⁾ Clasificación con arreglo al artículo 4 y al anexo I del Reglamento (UE) n° 168/2013; deberá indicarse la codificación, por ejemplo «L3e-A1E» para una motocicleta enduro de prestaciones bajas / *Classified according to Article 4 of and Annex I to Regulation (EU) No 168/2013, the coding shall be indicated, e.g. 'L3e-A1E' for a low-performance Enduro motor-cycle*





- 0.4. Razón social y dirección del fabricante del vehículo completo / *Company name and address of manufacturer of the complete vehicle* : HK SHANSU TECHNOLOGY LIMITED
Flat B 4/F Kingswell, Commercial Tower
171-173, Lockhart Road, Wanchai,
Hong Kong, China
- 0.4.1. Nombre y dirección de las plantas de montaje / *Name(s) and address(es) of assembly plants* : Yongkang Changpao Industry and Trade Co., Ltd.
North of the Second Floor of No. 1 Factory,
No. 19th Wanghu Road, Yongkang Economic
Development Zone, Jinhua City, Zhejiang
Province, The People's Republic of China,
ZIP: 321300
- 0.4.2. En su caso, nombre y dirección del representante autorizado del fabricante / *Name and address of manufacturer's authorised representative, if any* : SEVIMOTOR PIT BIKES SPAIN, S.L
URB NTRA.SRA. DE LA SALUD,
NUM. 68 41510 MAIRENA DEL
ALCOR-(SEVILLA), SPAIN

SECCIÓN II / SECTION II

1. Servicio técnico encargado de realizar los ensayos / *Technical service responsible for carrying out the tests* : IDIADA AUTOMOTIVE TECHNOLOGY S.A.
L'Albornar - P.O.Box 20
E - 43710 Santa Oliva (Tarragona), Spain
2. Fecha del acta de ensayo / *Date of test report* : 10.01.2023
3. Número del acta de ensayo / *Number of test report* : CN22110085

SECCIÓN III / SECTION III

El abajo firmante certifica que la descripción del fabricante, que figura en la ficha de características adjunta, del tipo de vehículo indicado anteriormente, del que se han presentado como prototipos una o varias muestras representativas seleccionadas por la autoridad de homologación de tipo UE, es exacta y que los resultados de los ensayos adjuntos son aplicables al tipo de vehículo / *The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle type described above, for which one or more representative samples, selected by the EU type-approval authority, have been submitted as prototypes of the vehicle type and that the attached test results apply to the vehicle type*

1. El tipo de vehículo completo cumple/~~no cumple~~ ⁽¹⁾ todos los requisitos pertinentes del anexo II del Reglamento (UE) nº 168/2013*2020/1694 / *The complete vehicle type meets/does not meet* ⁽¹⁾ all relevant requirements as listed in Annex II to Regulation (EU) No 168/2013*2020/1694

⁽¹⁾ Tachar según proceda / *Delete where not applicable*





- 1.1. Restricciones de validez⁽¹⁾⁽⁶⁾ / *Restrictions of validity⁽¹⁾⁽⁶⁾* : N.A.
- 1.2. Exenciones aplicadas⁽¹⁾⁽⁶⁾⁽⁷⁾ / *Waivers applied⁽¹⁾⁽⁶⁾⁽⁷⁾* : N.A.
- 1.2.1. Motivos de las exenciones⁽¹⁾⁽⁷⁾ / *Reasons for the waivers⁽¹⁾⁽⁷⁾* : N.A.
- 1.2.2. Requisitos alternativos⁽¹⁾⁽⁷⁾ / *Alternative requirements⁽¹⁾⁽⁷⁾* : N.A.
2. ~~Se concede~~/extiende/~~deniega~~/~~retira~~⁽¹⁾ la homologación /
The approval is ~~granted~~/extended/~~refused~~/~~withdrawn~~⁽¹⁾
- 2.1. ~~Se concede la homologación con arreglo al artículo 40 del Reglamento (UE) nº 168/2013, de modo que la homologación solo es válida hasta el dd/mm/aaaa⁽⁶⁾ /~~ *The approval is granted in accordance with Article 40 of Regulation (EU) No 168/2013 and the validity of the approval is thus limited to dd/mm/yyyy⁽⁶⁾.*

Lugar / Place: Madrid

Fecha / Date: Ver firma electrónica / *See electronic signature*

Firma / Signature: EL SUBDIRECTOR GENERAL DE CALIDAD Y SEGURIDAD INDUSTRIAL
Resolución P.D. del DIRECTOR GENERAL DE INDUSTRIA Y DE LA PYME
de 25-10-2012

Anexos / Attachments:

- Expediente de homologación / *Information package*
- Resultados de los ensayos / *Test results*
- Nombre de las personas autorizadas a firmar los certificados de conformidad, muestras de sus firmas e indicación de su cargo en la empresa / *Name(s) and specimen(s) of the signature(s) of the person(s) authorised to sign certificates of conformity and a statement of their position in the company*
- Ejemplar cumplimentado del certificado de conformidad / *A completed specimen of the certificate of conformity*

⁽¹⁾ Tachar según proceda / *Delete where not applicable*

⁽⁶⁾ Solamente aplicable a la homologación de tipo de un vehículo como exención para nuevas tecnologías o nuevos conceptos, con arreglo al artículo 40 del Reglamento (UE) nº 168/2013 / *Applicable only for type-approval of a vehicle as an exemption for new technology or new concept, pursuant to Article 40 of Regulation (EU) No 168/2013.*

⁽⁷⁾ Solamente aplicable a la homologación de tipo de vehículos de una serie corta nacional, con arreglo al artículo 42 del Reglamento (UE) nº 168/2013 / *Applicable only for vehicle type-approval for a national small series, pursuant to Article 42 of Regulation (EU) No 168/2013*





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ADENDA DEL CERTIFICADO DE HOMOLOGACIÓN DE TIPO UE /
ADDENDUM TO THE EU TYPE-APPROVAL CERTIFICATE

Conforme al Anexo VI, Apéndice 3, del Reglamento de Ejecución (UE) número 901/2014*2020/239 de la Comisión /
*According to Annex VI, Appendix 3, of Commission Implementing Regulation (EU) number 901/2014*2020/239*

LISTA DE LOS ACTOS REGLAMENTARIOS QUE CUMPLE EL TIPO DE VEHÍCULO /
LIST OF REGULATORY ACTS WITH WHICH THE TYPE OF VEHICLE COMPLIES

Cumplimentar solo en caso de homologación de tipo de conformidad con el artículo 30, apartado 6, del Reglamento (UE) nº 168/2013 / *To be filled in only in the case of type-approval in accordance with Article 30(6) of Regulation (EU) No 168/2013*

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A. REQUISITOS DE EFICACIA MEDIOAMBIENTAL Y DE RENDIMIENTO DE LA UNIDAD DE PROPULSIÓN / <i>ENVIRONMENTAL AND PROPULSION UNIT PERFORMANCE REQUIREMENTS</i>				
1	Emisiones del tubo de escape tras arranque en frío / <i>Tailpipe emissions after cold start</i>	Reglamento Delegado (UE) Nº 134/2014 de la Comisión, anexo II / <i>Commission Delegated Regulation (EU) No 134/2014 Annex II</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
2	Emisiones del tubo de escape (al ralentí aumentado) o en aceleración libre / <i>Tailpipe emissions at (increased idle) / free acceleration test</i>	Reglamento Delegado (UE) Nº 134/2014 de la Comisión, anexo III / <i>Commission Delegated Regulation (EU) No 134/2014 Annex III</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
3	Emisiones de gases del cárter / <i>Emissions crank-case gases</i>	Reglamento Delegado (UE) Nº 134/2014 de la Comisión, anexo IV / <i>Commission Delegated Regulation (EU) No 134/2014 Annex IV</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
4	Emisiones de evaporación / <i>Evaporative emissions</i>	Reglamento Delegado (UE) Nº 134/2014 de la Comisión, anexo V / <i>Commission Delegated Regulation (EU) No 134/2014 Annex V</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
5	Durabilidad de los dispositivos de control de la contaminación / <i>Durability of pollution-control devices</i>	Reglamento Delegado (UE) Nº 134/2014 de la Comisión, anexo VI / <i>Commission Delegated Regulation (EU) No 134/2014 Annex VI</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
6	Medición de las emisiones de CO ₂ consumo de combustible, consumo de energía eléctrica y determinación de la autonomía eléctrica / <i>Measurement of CO₂ emissions, fuel consumption, electric energy consumption and electric range determination</i>	Reglamento Delegado (UE) Nº 134/2014 de la Comisión, anexo VII / <i>Commission Delegated Regulation (EU) No 134/2014 Annex VII</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
7	Ensayos medioambientales del diagnóstico a bordo (DAB) / <i>Environmental on-board diagnosis (OBD) tests</i>	Reglamento Delegado (UE) Nº 134/2014 de la Comisión, anexo VIII / <i>Commission Delegated Regulation (EU) No 134/2014 Annex VIII</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---





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8	Nivel sonoro admisible / <i>Permissible sound level</i>	Reglamento Delegado (UE) N° 134/2014 de la Comisión, anexo IX / <i>Commission Delegated Regulation (EU) No 134/2014 Annex IX</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
9	Procedimientos y requisitos técnicos relativos a la velocidad máxima del vehículo por construcción, el par máximo, la potencia total continua máxima y la potencia de pico máxima / <i>Procedures and technical requirements on maximum vehicle design speed, maximum torque, maximum continuous total power and maximum peak power</i>	Reglamento Delegado (UE) N° 134/2014 de la Comisión, anexo X / <i>Commission Delegated Regulation (EU) No 134/2014 Annex X</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
10	Definición de la familia de vehículos y de propulsiones / <i>Vehicle propulsion family definition</i>	Reglamento Delegado (UE) N° 134/2014 de la Comisión, anexo XI / <i>Commission Delegated Regulation (EU) No 134/2014 Annex XI</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
B. REQUISITOS DE SEGURIDAD FUNCIONAL DE LOS VEHÍCULOS / <i>VEHICLE FUNCTIONAL SAFETY REQUIREMENTS</i>				
1	Avisadores acústicos / <i>Audible warning devices</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo II / <i>Commission Delegated Regulation (EU) No 3/2014 Annex II</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / <i>All</i>
2	Frenado, incluidos los sistemas de frenado antibloqueo y los sistemas de frenado combinado / <i>Braking, including anti-lock and combined brake system</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo III / <i>Commission Delegated Regulation (EU) No 3/2014 Annex III</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / <i>All</i>
3	Seguridad eléctrica / <i>Electric safety</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo IV / <i>Commission Delegated Regulation (EU) No 3/2014 Annex IV</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / <i>All</i>
4	Requisitos aplicables a la declaración del fabricante sobre ensayos de durabilidad de los sistemas, piezas y equipos esenciales para la seguridad funcional / <i>Manufacturer declaration requirements regarding endurance testing of functional safety-critical systems, parts and equipment</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo V / <i>Commission Delegated Regulation (EU) No 3/2014 Annex V</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / <i>All</i>
5	Estructuras de protección delanteras y traseras / <i>Front and rear protective structures</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo VI / <i>Commission Delegated Regulation (EU) No 3/2014 Annex VI</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	---/---





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6	Acristalamiento, limpiaparabrisas, lavaparabrisas y sistemas de desescarchado y de desempañado / <i>Glazing, windscreen wipers and washers, and defrosting and demisting systems</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo VII / <i>Commission Delegated Regulation (EU) No 3/2014 Annex VII</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	---/---
7	Mandos accionados por el conductor, con identificación de los mandos, los testigos y indicadores / <i>Driver-operated controls including identification of controls, tell-tales and indicators</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo VIII / <i>Commission Delegated Regulation (EU) No 3/2014 Annex VIII</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / All
8	Instalación de dispositivos de alumbrado y señalización luminosa, incluidos el encendido y apagado automáticos del alumbrado / <i>Installation of lighting and light-signalling devices, including automatic switching of lighting</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo IX / <i>Commission Delegated Regulation (EU) No 3/2014 Annex IX</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / All
9	Visibilidad trasera / <i>Rearward visibility</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo X / <i>Commission Delegated Regulation (EU) No 3/2014 Annex X</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / All
10	Estructura de protección en caso de vuelco (ROPS) / <i>Rollover protective structure (ROPS)</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo XI / <i>Commission Delegated Regulation (EU) No 3/2014 Annex XI</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	---/---
11	Cinturones de seguridad y sus anclajes / <i>Safety-belt anchorages and safety-belts</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo XII / <i>Commission Delegated Regulation (EU) No 3/2014 Annex XII</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	---/---
12	Plazas de asiento (sillines y asientos) / <i>Seating positions (saddles and seats)</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo XIII / <i>Commission Delegated Regulation (EU) No 3/2014 Annex XIII</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / All
13	Maniobrabilidad, propiedades de giro en curva y capacidad de giro / <i>Steerability, cornering properties and turn-ability</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo XIV / <i>Commission Delegated Regulation (EU) No 3/2014 Annex XIV</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / All
14	Instalación de neumáticos / <i>Installation of tyres</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo XV / <i>Commission Delegated Regulation (EU) No 3/2014 Annex XV</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / All
15	Placa de limitación de la velocidad máxima del vehículo y su emplazamiento en el vehículo / <i>Vehicle maximum speed limitation plate and its location on the vehicle</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo XVI / <i>Commission Delegated Regulation (EU) No 3/2014 Annex XVI</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	---/---





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16	Protección de los ocupantes del vehículo, incluidos el acondicionamiento interior y las puertas del vehículo / <i>Vehicle occupant protection, including interior fittings and vehicle doors</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo XVII / <i>Commission Delegated Regulation (EU) No 3/2014 Annex XVII</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	---/---
17	Potencia nominal o neta continua máxima y/o limitación de la velocidad del vehículo por construcción / <i>Maximum continuous rated or net power and/or vehicle speed limitation by design</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo XVIII / <i>Commission Delegated Regulation (EU) No 3/2014 Annex XVIII</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / <i>All</i>
18	Requisitos relativos a la integridad de la estructura del vehículo / <i>Requirements on vehicle structure integrity</i>	Reglamento Delegado (UE) N° 3/2014 de la Comisión, anexo XIX / <i>Commission Delegated Regulation (EU) No 3/2014 Annex XIX</i>	Reglamento delegado (UE) 2016/1824 / <i>Commission delegated regulation (EU) 2016/1824</i>	Todas / <i>All</i>
C. FABRICACIÓN DE VEHÍCULOS Y REQUISITOS GENERALES A LA HOMOLOGACIÓN DE TIPO / <i>VEHICLE CONSTRUCTION AND GENERAL TYPE-APPROVAL REQUIREMENTS</i>				
1	Medidas de prevención de la manipulación del grupo motopropulsor (antimanipulación) / <i>Powertrain tampering prevention measures (anti-tampering)</i>	Reglamento Delegado (UE) N° 44/2014 de la Comisión, anexo II / <i>Commission Delegated Regulation (EU) No 44/2014 Annex II</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
2	Disposiciones relativas a los procedimientos de homologación de tipo / <i>Arrangements for type-approval procedures</i>	Reglamento Delegado (UE) N° 44/2014 de la Comisión, anexo III / <i>Commission Delegated Regulation (EU) No 44/2014 Annex III</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
3	Conformidad de la producción / <i>Conformity of production</i>	Reglamento Delegado (UE) N° 44/2014 de la Comisión, anexo IV / <i>Commission Delegated Regulation (EU) No 44/2014 Annex IV</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
4	Dispositivos de acoplamiento y de fijación / <i>Coupling devices and attachments</i>	Reglamento Delegado (UE) N° 44/2014 de la Comisión, anexo V / <i>Commission Delegated Regulation (EU) No 44/2014 Annex V</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
5	Dispositivos de protección contra la utilización no autorizada / <i>Devices to prevent unauthorised use</i>	Reglamento Delegado (UE) N° 44/2014 de la Comisión, anexo VI / <i>Commission Delegated Regulation (EU) No 44/2014 Annex VI</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
6	Compatibilidad electromagnética (CEM) / <i>Electromagnetic compatibility (EMC)</i>	Reglamento Delegado (UE) N° 44/2014 de la Comisión, anexo VII / <i>Commission Delegated Regulation (EU) No 44/2014 Annex VII</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>





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7	Salientes exteriores / <i>External projections</i>	Reglamento Delegado (UE) Nº 44/2014 de la Comisión, anexo VIII / <i>Commission Delegated Regulation (EU) No 44/2014 Annex VIII</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
8	Almacenamiento de combustible / <i>Fuel storage</i>	Reglamento Delegado (UE) Nº 44/2014 de la Comisión, anexo IX / <i>Commission Delegated Regulation (EU) No 44/2014 Annex IX</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
9	Plataformas de carga / <i>Load platforms</i>	Reglamento Delegado (UE) Nº 44/2014 de la Comisión, anexo X / <i>Commission Delegated Regulation (EU) No 44/2014 Annex X</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
10	Masas y dimensiones / <i>Masses and dimensions</i>	Reglamento Delegado (UE) Nº 44/2014 de la Comisión, anexo XI / <i>Commission Delegated Regulation (EU) No 44/2014 Annex XI</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
11	Requisitos funcionales del diagnóstico a bordo (DAB) / <i>On-board diagnostics (OBD) functional requirements</i>	Reglamento Delegado (UE) Nº 44/2014 de la Comisión, anexo XII / <i>Commission Delegated Regulation (EU) No 44/2014 Annex XII</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	---/---
12	Asideros y reposapiés para pasajeros / <i>Passenger handholds and footrests</i>	Reglamento Delegado (UE) Nº 44/2014 de la Comisión, anexo XIII / <i>Commission Delegated Regulation (EU) No 44/2014 Annex XIII</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
13	Espacio destinado a la placa de matrícula / <i>Registration plate space</i>	Reglamento Delegado (UE) Nº 44/2014 de la Comisión, anexo XIV / <i>Commission Delegated Regulation (EU) No 44/2014 Annex XIV</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
14	Acceso a la información sobre la reparación y el mantenimiento / <i>Access to repair and maintenance information</i>	Reglamento Delegado (UE) Nº 44/2014 de la Comisión, anexo XV / <i>Commission Delegated Regulation (EU) No 44/2014 Annex XV</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
15	Caballetes / <i>Stands</i>	Reglamento Delegado (UE) Nº 44/2014 de la Comisión, anexo XVI / <i>Commission Delegated Regulation (EU) No 44/2014 Annex XVI</i>	Reglamento delegado (UE) 2018/295 / <i>Commission delegated regulation (EU) 2018/295</i>	Todas / <i>All</i>
D. REQUISITOS ADMINISTRATIVOS PARA LA HOMOLOGACIÓN Y LA VIGILANCIA DEL MERCADO / <i>ADMINISTRATIVE REQUIREMENTS FOR THE APPROVAL AND MARKET SURVEILLANCE</i>				
1	Placa reglamentaria y marca de homologación de tipo UE / <i>Statutory plate and EU type-approval mark</i>	Reglamento de Ejecución (UE) Nº 901/2014, anexo V / <i>Implementing Regulation (EU) No 901/2014 Annex V</i>	Reglamento delegado (UE) 2020/239 / <i>Commission delegated regulation (EU) 2020/239</i>	Todas / <i>All</i>





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HOJA DE RESULTADOS DE ENSAYO / *TEST RESULTS SHEET*

Conforme al Anexo VIII del Reglamento de Ejecución (UE) número 901/2014*2020/239 de la Comisión /
*According to Annex VIII of Commission Implementing Regulation (EU) number 901/2014*2020/239*

2.2.1. A) REQUISITOS DE EFICACIA MEDIOAMBIENTAL Y DE RENDIMIENTO DE LA UNIDAD DE
PROPULSIÓN / *ENVIRONMENTAL AND PROPULSION UNIT PERFORMANCE*

2.2.1.1. Información genérica sobre la eficacia medioambiental /
Generic information on environmental performance

El acta de ensayo deberá contener los siguientes datos genéricos del ensayo (solo necesarios una vez por tipo de ensayo) / *The test report shall contain the following generic test data (only needed once per test type):*

2.2.1.1.1. Descripción de la propulsión, la familia de propulsiones y el tren de transmisión de los vehículos ensayados / *Description of propulsion, propulsion family and drive-train of test vehicle(s)* : Ver documentación del fabricante / *See manufacturer's information doc.*

2.2.1.1.2. Fase medioambiental del vehículo ensayado / *Environmental step of test vehicle* : Euro 5

2.2.1.1.3. Descripción de los bancos de ensayos, las especificaciones y los parámetros en relación con las emisiones / *Description of emission test bench(es), specifications and settings* : N.A.

2.2.1.1.4. Especificaciones de los dinamómetros de bastidor o de motor / *Chassis/engine dynamometer(s) specifications* : N.A.

2.2.1.1.5. Masa de inercia (de referencia) y parámetros de resistencia en marcha del dinamómetro de bastidor de rodillo único/doble / *Inertia (reference) mass and running resistance settings for single/dual roll chassis dynamometer* : N.A.

2.2.1.1.6. Acta completa de los resultados de los ensayos en carretera para la determinación de los parámetros del banco de ensayos, incluidos los tiempos de desaceleración del dinamómetro de bastidor de rodillo único/doble / *Comprehensive report of road test results for the determination of test bench settings, including coast down times for single/dual roll chassis dynamometer* : N.A.

2.2.1.1.7. Programa de conducción aplicable del ensayo de tipo I / *Applicable test type I driving schedule* : WMTC stage 3

2.2.1.1.8. Descripción de las prescripciones sobre el cambio de marchas a efectos de ensayo medioambiental / *Description gearshift prescriptions for environmental testing* : N.A.

2.2.1.2. Requisitos del ensayo de tipo I: emisiones del tubo de escape tras un arranque en frío /
Test type I requirements: tailpipe emissions after cold start

N.A.





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2.2.1.3. Requisitos del ensayo de tipo II: emisiones del tubo de escape al ralentí (aumentado) y en aceleración libre / *Test type II requirements: tailpipe emissions at (increased idle)/free acceleration*

N.A.

2.2.1.4. Requisitos del ensayo de tipo III: emisiones de gases del cárter / *Test type III requirements: emissions of crank-case gases:*

N.A.

2.2.1.5. Requisitos del ensayo de tipo IV: emisiones de evaporación / *Type IV test requirements: evaporative emissions*

N.A.

2.2.1.6. Requisitos del ensayo de tipo V: durabilidad de los dispositivos de control de la contaminación / *Test type V requirements: durability of pollution-control devices*

N.A.

2.2.1.7. El ensayo de tipo VI no ha sido asignado; en consecuencia, no hay resultados que presentar / *Test type VI has not been assigned; consequently there are no results to be submitted*

2.2.1.8. Requisitos del ensayo de tipo VII: medición de las emisiones de CO₂, consumo de combustible, consumo de energía eléctrica y determinación de la autonomía eléctrica / *Test type VII requirements: measurement of CO₂ emissions, fuel consumption, electric energy consumption and electric range determination*

2.2.1.8.1. Datos de los vehículos ensayados, su grupo motopropulsor y los dispositivos de control de la contaminación explícitamente documentados y enumerados, junto con los equipos y los parámetros de laboratorio para el ensayo de las emisiones, si difieren de los datos indicados en los puntos 2.1.2.1.1 a 2.1.2.1.10 / *Details of test vehicle(s), its powertrain and pollution-control devices explicitly documented and listed, emission test laboratory equipment and settings if different from data reported under items 2.1.2.1.1. to 2.1.2.1.10*

: N.A.

2.2.1.8.2. Se ha añadido documentación con arreglo al Reglamento nº101 de la CEPE (DO L 138 de 26.5.2012, p.1) / *Documentation added according to UNECE Regulation No 101 (OJ L 138, 26.5.2012, p.1)*

: sí/no / *yes/no*

2.2.1.8.3. Ha garantizado el fabricante del vehículo que, en el momento de la compra de un vehículo nuevo, se facilitarán al comprador los datos sobre emisiones de CO₂, consumo de combustible, consumo de energía eléctrica y autonomía eléctrica / *The vehicle manufacturer has ensured that the CO₂ emissions, fuel consumption, electric energy consumption and electric range data are provided to the buyer of the vehicle at the time of purchase of a new vehicle*

: sí/~~no~~ / *yes/~~no~~*





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2.2.1.8.4. Se adjunta a la ficha de características un ejemplar completo del formato de presentación de los resultados de los ensayos de tipo VII utilizado para informar al comprador del vehículo nuevo / *A completed specimen of the test type VII result format used to inform the buyer of the new vehicle is added to the information document*

: sí/~~no~~ / yes/~~no~~

2.2.1.8.5. Resultados de los ensayos de tipo VII, cuando proceda y en relación con cada combustible de referencia ensayado / *Type VII test results, where applicable and for each reference fuel tested*

: Vehículo eléctrico / *Electric vehicle*

2.2.1.8.6. Emisiones de CO₂ y consumo de combustible / *CO₂ emissions and fuel consumption*

: N.A.

2.2.1.8.7. Emisiones de CO₂ o consumo de combustible (valores declarados por el fabricante) / *CO₂ emissions/fuel consumption (manufacturer's declared values)*

Consumo de energía eléctrica y autonomía eléctrica / *Electric energy consumption and electric range:*

Cuadro / Table 5-9

CUADRO DE RESULTADOS DE LOS ENSAYOS DE TIPO VII PARA PROPULSIONES ELÉCTRICAS PURAS O PROPULSIONES NO RECARGABLES DESDE EL EXTERIOR EQUIPADAS CON UN MOTOR ELÉCTRICO DE PROPULSIÓN / <i>TEST TYPE VII RESULT TABLE FOR PURE ELECTRIC PROPULSION OR NOT-EXTERNALLY-CHARGEABLE (NOVC) PROPULSIONS EQUIPPED WITH AN ELECTRIC MOTOR FOR PROPULSION</i>				
	Consumo de energía eléctrica medido (Wh/km) / <i>Measured electric energy consumption (Wh/km)</i>	Consumo de energía eléctrica declarada / <i>Declared electric energy consumption (Wh/km)</i>	Autonomía eléctrica medida (km) / <i>Measured electric range (km)</i>	Autonomía eléctrica declarada / <i>Declared electric range</i>
Grupo motopropulsor eléctrico puro / <i>Pure electric powertrain</i>	Var./ver. 00/0, 00/1: 35 Var./ver. 01/0, 01/1: 30	Var./ver. 00/0, 00/1: 35 Var./ver. 01/0, 01/1: 30	Var./ver. 00/0, 00/1: 57 Var./ver. 01/0, 01/1: 68	Var./ver. 00/0, 00/1: 57 Var./ver. 01/0, 01/1: 68
Grupo motopropulsor eléctrico híbrido no recargable desde el exterior / <i>NOVC hybrid electric powertrain</i>	---	---	---	---





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Consumo de energía eléctrica y autonomía eléctrica / *Electric energy consumption and electric range:*

Cuadro / *Table* 5-10

CUADRO DE RESULTADOS DE LOS ENSAYOS DE TIPO VII PARA PROPULSIONES (RECARGABLES DESDE EL EXTERIOR) EQUIPADAS CON UN MOTOR ELÉCTRICO DE PROPULSIÓN <i>TEST TYPE VII RESULT TABLE FOR AN OVC (EXTERNALLY CHARGEABLE) PROPULSION EQUIPPED WITH AN ELECTRIC MOTOR FOR PROPULSION</i>				
Grupo motopropulsor eléctrico híbrido o híbrido (recargable desde el exterior) / <i>OVC (externally chargeable) hybrid electric or hybrid powertrain</i>	CO ₂ (g/km)	Consumo de combustible / <i>Fuel consumption (l/100 km)</i>	Consumo de energía eléctrica medido / <i>Measured electric energy consumption (Wh/km)</i>	Autonomía eléctrica medida / <i>Measured electric range (km)</i>
Condición A, combinado / <i>Condition A, combined</i>				
Condición B, combinado / <i>Condition B, combined</i>				
Ponderado, combinado / <i>Weighted, combined</i>				
Autonomía eléctrica pura / <i>Pure electric range</i>	---	---		

En el caso de vehículos de las categorías L2e, L5e-B, L6e-B y L7e equipados con habitáculo, indicar el consumo eléctrico máximo debido a la calefacción auxiliar de, por ejemplo, los sistemas de calefacción para el habitáculo, los asientos y otros / *For L2e, L5e-B, L6e-B and L7e hybrid vehicles equipped with a passenger compartment; the maximum electrical consumption owing to auxiliary heating such as heating systems for the passenger compartment/seats/other* : N.A.

2.2.1.9. Requisitos del ensayo de tipo VIII: diagnóstico a bordo (DAB) medioambiental / *Test type VIII requirements: environmental on-board diagnostic (OBD)*

N.A.

2.2.1.10. Requisitos del ensayo de tipo IX: nivel sonoro / *Test type IX requirements: sound level*

N.A.

2.2.1.11. Resultados de los ensayos del rendimiento de la unidad propulsión / *Propulsion unit performance test results*

2.2.1.11.1. Datos sobre el rendimiento de la unidad de propulsión que deben facilitarse para medir o determinar la velocidad máxima del vehículo por construcción / *Propulsion unit performance data to be provided to measure/determine the maximum vehicle design speed*





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2.2.1.11.1.1. Detalles del hardware y el software de los vehículos ensayados y de los componentes y accesorios instalados a los que se refiere el anexo X del Reglamento Delegado (UE) nº 134/2014 de la Comisión. Presentan los vehículos ensayados desviaciones con respecto a los datos consignados en la ficha de características del anexo I / *Details of hardware and software of test vehicle(s), fitted components and accessories referred to in Annex X to Commission Delegated Regulation (EU) No 134/2014, Any deviations by test vehicle(s) from data provided in information document, Annex I*

: sí/no / yes/no

En caso afirmativo, adjuntar una lista con las desviaciones pertinentes para medir la velocidad máxima del vehículo por construcción y la marcha en la que se alcanza / *If yes, please provide list with deviations relevant for measuring the maximum vehicle design speed and gear in which it was reached*

: N.A.

2.2.1.11.1.2. Masa de ensayo en orden de marcha: (sumada la masa del conductor) / *Test mass in running order: mass plus rider/driver*

: 144 kg

2.2.1.11.1.3. Especificaciones del combustible de ensayo / *Test fuel specifications*

: N.A.

2.2.1.11.1.4. Especificaciones del lubricante del grupo motopropulsor / *Powertrain lubricant specifications*

: N.A.

2.2.1.11.1.5. Presión atmosférica / *Atmospheric pressure*

: Var./ver. 00/0: 100.4 kPa
Var./ver. 01/1: 101.1 kPa

2.2.1.11.1.6. Humedad relativa / *Relative humidity*

: Var./ver. 00/0: 42.4 %
Var./ver. 01/1: 43.5 %

2.2.1.11.1.7. Temperatura ambiente / *Ambient temperature*

: Var./ver. 00/0: 32.2 °C
Var./ver. 01/1: 16.8 °C

2.2.1.11.1.8. Velocidad y dirección del viento en la pista de ensayo / *Wind speed and direction on test track*

: Var./ver. 00/0: 1.2 m/s (S-N)
Var./ver. 01/1: Up to 1.7 m/s (N-S)

2.2.1.11.1.9. Condición de la pista de ensayo (temperatura, humedad, etc.) / *Test track condition (temperature, level of moisture etc.)*

: Superficie de asfalto nivelada y seca /
Dry and leveled asphalt surface

2.2.1.11.1.10. Velocidad máxima del vehículo por construcción medida y marcha en la que se alcanza / *Maximum vehicle design speed measured and gear in which it is reached*

: Var./ver. 00/0: 45 km/h a/at 540 min⁻¹
en la marcha nº / *in gear* No N.A.
Var./ver. 01/1: 25 km/h a/at 310 min⁻¹
en la marcha nº / *in gear* No N.A.

2.2.1.11.1.11. Velocidad máxima del vehículo por construcción / *Maximum vehicle design speed*

: Var./ver. 00/0, 00/1: 45 km/h
Var./ver. 01/0, 01/1: 25 km/h





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2.2.1.11.1.12. Exención aplicable a los vehículos de las categorías L3e-A3 y L4e-A3; velocidad máxima del vehículo por construcción declarada por el fabricante / *Exemption L3e-A3 and L4e-A3 vehicles; maximum vehicle design speed declared by manufacturer*

: N.A.

2.2.1.11.2. Datos sobre el rendimiento de la unidad de propulsión que deben facilitarse para medir o determinar el par y la potencia de la propulsión en el dinamómetro de motor / *Propulsion unit performance data to be provided to measure/determine the torque and power of the propulsion on the engine dynamometer*

: Ver documentación del fabricante /
See manufacturer's information doc.

2.2.1.11.2.1. Detalles del hardware y el software de las propulsiones ensayados y equipo y parámetros de ensayo pertinentes para las mediciones del rendimiento de la unidad de propulsión en ensayos con dinamómetro de motor / *Details of propulsion(s) hardware and software tested, test equipment and settings relevant for propulsion unit performance measurements on engine dynamometer tests*

: Ver documentación del fabricante /
See manufacturer's information doc.

2.2.1.11.2.1.1. Lista de los componentes y números y marcados de las piezas pertinentes para medir el rendimiento de la unidad de propulsión en un dinamómetro de motor, según el anexo X del Reglamento Delegado (UE) nº 134/2014 de la Comisión / *List of components and part numbers/markings relevant for propulsion unit performance measurement on engine dynamometer, referred to in Annex X to Commission Delegated Regulation (EU) No 134/2014*

: Ver documentación del fabricante /
See manufacturer's information doc.

2.2.1.11.2.1.2. Combustible de ensayo / *Test fuel*

: N.A.

2.2.1.11.2.1.3. Especificaciones del lubricante del grupo motopropulsor / *Powertrain lubricant specifications*

: N.A.

2.2.1.11.2.1.4. Presión atmosférica / *Atmospheric pressure*

: N.A.

2.2.1.11.2.1.5. Humedad relativa / *Relative humidity*

: N.A.

2.2.1.11.2.1.6. Temperatura ambiente / *Ambient temperature*

: N.A.

2.2.1.11.2.1.7. Factor de corrección para las condiciones atmosféricas de referencia α_1 / *Correction factor for reference atmospheric conditions α_1*

: N.A.

2.2.1.11.2.1.8. Factor de corrección para la eficiencia de la transmisión α_2 / *Correction factor for the efficiency of the transmission α_2*

: N.A.

2.2.1.11.2.1.9. Temperatura de refrigeración del motor / *Engine cooling temperature*

: N.A.

2.2.1.11.2.1.10. Temperatura del aceite en el punto de medición / *Oil temperature at measuring point*

: N.A.

2.2.1.11.2.1.11. Temperatura del escape / *Exhaust temperature*

: N.A.





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2.2.1.11.2.1.12. El fabricante deberá indicar los siguientes resultados de los ensayos del rendimiento de la unidad de propulsión / *The manufacturer shall indicate the propulsion unit performance test results below:*

2.2.1.11.2.1.13. Velocidad de rotación máxima permitida del motor de combustión, el motor eléctrico o la propulsión / *Maximum permitted combustion engine/electric motor/propulsion rotation speed*

: Var./ver. 00/0, 00/1: 550 min⁻¹
Var./ver. 01/0, 01/1: 330 min⁻¹

2.2.1.11.2.1.14. Potencia máxima neta del motor de combustión / *Maximum net power combustion engine*

: N.A.

2.2.1.11.2.1.15. Par máximo neto del motor de combustión / *Maximum net torque combustion engine*

: N.A.

2.2.1.11.2.1.16. Potencia nominal continua máxima del motor eléctrico / *Maximum continuous-rated power electric motor*

: Var./ver. 00/0, 00/1:
1.5 kW a/at 350 min⁻¹
Var./ver. 01/0, 01/1:
1.5 kW a/at 270 min⁻¹

2.2.1.11.2.1.17. Par nominal continuo máximo del motor eléctrico / *Maximum continuous-rated torque electric motor*

: Var./ver. 00/0, 00/1:
41.0 Nm a/at 350 min⁻¹
Var./ver. 01/0, 01/1:
53.0 Nm a/at 270 min⁻¹

2.2.1.11.2.1.18. Corriente máxima del motor eléctrico a la potencia nominal continua máxima / *Maximum current e-motor at maximum continuous-rated power*

: Var./ver. 00/0, 00/1: 28.5 A
Var./ver. 01/0, 01/1: 31.5 A

2.2.1.11.2.1.19. Potencia total continua máxima de las propulsiones / *Maximum continuous total power for propulsion(s)*

: N.A.

2.2.1.11.2.1.20. Par total continuo máximo de las propulsiones / *Maximum continuous total torque for propulsion(s)*

: N.A.

2.2.1.11.2.1.21. Potencia de pico máxima de las propulsiones / *Maximum peak power for propulsion(s)*

: Var./ver. 00/0, 00/1:
2.1 kW a/at 345 min⁻¹
Var./ver. 01/0, 01/1:
1.85 kW a/at 250 min⁻¹

2.2.1.11.2.1.22. Relación entre la potencia y la masa en orden de marcha / *Power/mass in running order ratio*

: Var./ver. 00/0, 00/1:
0.024 kW/kg a/at 350 min⁻¹
Var./ver. 01/0, 01/1:
0.024 kW/kg a/at 270 min⁻¹

2.2.1.11.2.1.23. Consumo específico de combustible, a la potencia máxima neta y potencia / *Specific fuel consumption, at maximum net power and power*

: N.A.





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2.2.1.11.2.1.24. Gráficos de barrido del rendimiento de la unidad de propulsión que muestren el par y la potencia totales en relación con el régimen del motor (desde 1200 rpm hasta las rpm del regulador de velocidad de la propulsión, en pasos de 400 rpm). Variables secundarias: ángulo de la chispa, relación aire-combustible y caudal de aire (medido o calculado) / *Propulsion unit performance sweep graphs of total power and torque vs. engine speed (1200 rpm to propulsion speed governor rpm, step 400 rpm). Secondary variables: spark angle, A/F ratio and mass air-flow (measured or calculated)*

: N.A.

2.2.1.11.2.1.25. Velocidad máxima del vehículo y marcha con la que se alcanza / *Maximum speed of vehicle and gear in which it is reached*

: Var./ver. 00/0, 00/1: 45 km/h
en la marcha nº / *in gear* No N.A.
Var./ver. 01/0, 01/1: 25 km/h
en la marcha nº / *in gear* No N.A.

(solo con respecto a las subcategorías: L1e, L2e, L6e, L7e-B1 y L7e-C) / *(only for subcategories: L1e, L2e, L6e, L7e-B1, L7e-C)*

2.2.1.11.2.1.26. Velocidad máxima del vehículo declarada / *Maximum declared vehicle speed*

: N.A.

(solo con respecto a las subcategorías sin limitación de la velocidad máxima del vehículo: L3e, L4e, L5e, L7e-A y L7e-B2) / *(only for subcategories without maximum vehicle speed limitation: L3e, L4e, L5e, L7e-A and L7e-B2)*

2.2.2. B) ACTAS DE LOS ENSAYOS DE LA SEGURIDAD FUNCIONAL / *FUNCTIONAL SAFETY TEST REPORTS*

2.2.2.1. Estructuras de protección delanteras y traseras / *Front and rear protective structures*

2.2.2.1.1. Descripción y justificación de las disposiciones pertinentes en las que se ha basado la evaluación de los vehículos / *Description and justification of the relevant provisions against which the vehicles has been assessed*

: N.A.

2.2.2.2. Mandos accionados por el conductor, con identificación de los mandos, los testigos y los indicadores / *Driver-operated controls including identification of controls, tell-tales and indicators*

2.2.2.2.1. Lista detallada de los mandos, los testigos, los colores de los testigos y los indicadores del vehículo / *Detailed list of controls, tell-tales, tell-tales colours and indicators of the vehicle*

: Ver documentación del fabricante /
See manufacturer's information doc.

2.2.2.2.2. Evaluación de la visibilidad / *Assessment of the visibility*

: Visible bajo cualquier circunstancia /
Visible under all circumstances

2.2.2.3. Instalación de dispositivos de alumbrado y señalización luminosa, incluidos el encendido y apagado automáticos del alumbrado / *Installation of lighting and light-signalling devices, including automatic light switching*

2.2.2.3.1. Condiciones específicas de ensayo (por ejemplo, mal funcionamiento de la bombilla indicadora) / *Specific test conditions (e.g. indicator-bulb malfunction)*

: sí/~~no~~ / *yes/~~no~~*





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2.2.2.4. Cinturones de seguridad y sus anclajes / *Safety belt anchorages and safety belts*

2.2.2.4.1. Descripción y justificación de las disposiciones pertinentes en las que se ha basado la evaluación del vehículo / *Description and justification of the relevant provisions against which the vehicle has been assessed* : N.A.

2.2.2.5. Instalación de neumáticos / *Installation of tyres*:

2.2.2.5.1. Tamaños máximos de las cubiertas de los neumáticos aplicados para evaluar la holgura / *Maximum tyre envelope sizes applied for the clearance assessment* : Sí / *Yes*

2.2.2.6. Protección de los ocupantes del vehículo, incluidos el acondicionamiento interior y las puertas del vehículo / *Vehicle occupant protection, including interior fittings and vehicle doors*:

2.2.2.6.1. Valores de la medición de los radios de los salientes interiores, con suficiente detalle / *Values of radio measurement of interior projections in sufficient detail* : N.A.

2.2.2.7. Potencia total continua máxima y/o limitación de la velocidad máxima del vehículo por construcción / *Maximum continuous total power and/or maximum vehicle speed limitation by design*:

2.2.2.7.1. Velocidad máxima o potencia total continua máxima de los vehículos equipados con motor de combustión de encendido por chispa o de encendido por compresión, limitadas por / *Maximum vehicle speed and/or maximum continuous total power for vehicles equipped with PI/CI combustion engine limited by:*

N.A.

2.2.2.7.2. La velocidad máxima y/o la potencia máxima del vehículo se limitarán por dos o más de los siguientes medios, en el caso de vehículos propulsados mediante uno o varios motores eléctricos, incluidos los vehículos eléctricos puros e híbridos / *Maximum vehicle speed and/or maximum power shall be limited by means of two or more of the following, for vehicles which are propelled by means of one or more electric motors, including pure and hybrid electric vehicles* :

a) reducción de la potencia máxima de salida de uno o más motores eléctricos en función de la velocidad del vehículo o la velocidad de rotación detectadas de manera interna respecto del motor eléctrico / *reduction of the maximum power output of one or more electric motors based on the vehicle or rotation speed as sensed internally to the electric motor* : Sí / *Yes*

b) reducción de la potencia máxima de uno o más motores eléctricos en función de la velocidad real del vehículo detectada de manera completamente externa respecto del motor eléctrico / *reduction of the maximum power output of one or more electric motors based on the actual vehicle speed as sensed fully externally to the electric motor* : N.A.

c) limitación física de la velocidad del vehículo por medio de componentes internos o externos, como la máxima velocidad de giro alcanzable por un motor eléctrico / *physical vehicle speed limitation by means of internal or external components such as a maximum achievable revolution speed of an electric motor* : Sí / *Yes*





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2.2.2.7.3. La velocidad máxima o la potencia máxima del vehículo se limitarán por dos o más de los siguientes medios, en el caso de vehículos propulsados por medios distintos a los indicados en los puntos 2.2.7.1. y 2.2.7.2. / *Maximum vehicle speed and/or maximum power shall be limited by means of two or more of the following, for vehicles which are propelled by other means than those referred to in 2.2.7.1. and 2.2.7.2.*

: N.A.

2.2.3. C) ACTAS DE LOS ENSAYOS SOBRE LA FABRICACIÓN DE LOS VEHÍCULOS /
VEHICLE CONSTRUCTION TEST REPORTS

2.2.3.1. Disposiciones relativas a los procedimientos de homologación de tipo /
Arrangements for type-approval procedures:

Referencia del acto delegado / <i>Delegated act reference</i>	Anexo nº / <i>Annex No</i>	Ensayos virtuales o autoensayos / <i>Virtual and/or self-testing</i>	Asunto / <i>Subject</i>	Restricciones / Observaciones / <i>Restrictions / Comments</i>	Aplicado/ <i>Applied</i>
Reglamento Delegado (UE) nº134/2014 de la Comisión / <i>Commission Delegated Regulation (EU) No 134/2014</i>	IX	Autoensayos / <i>Self-testing</i>	Procedimientos de ensayo de la velocidad máxima del vehículo por construcción / <i>Testing procedures on maximum vehicle design speed</i>	Solo para las subcategorías L3e-A3, L4e- A3 y L5e y no incluye ningún otro ensayo del rendimiento de la unidad de propulsión / <i>Only for subcategories L3e-A3, L4e-A3 and L5e and does not include any other propulsion unit performance testing.</i>	sí/no / <i>yes/no</i>
Reglamento Delegado (UE) nº3/2014 de la Comisión / <i>Commission Delegated Regulation (EU) No 3/2014</i>	II	Autoensayos / <i>Self-testing</i>	Avisadores acústicos / <i>Audible warning devices</i>	Solo instalación / <i>Installation only</i>	sí/no / <i>yes/no</i>
Reglamento Delegado (UE) nº 3/2014 de la Comisión / <i>Commission Delegated Regulation (EU) No 3/2014</i>	VIII	Autoensayos / <i>Self-testing</i>	Mandos accionados por el conductor, con identificación de los mandos, los testigos y los indicadores / <i>Driver-operated controls including identification of controls, tell-tales and indicators</i>	Solo indicador de velocidad / <i>Speedometer only</i>	sí/no / <i>yes/no</i>
Reglamento Delegado (UE) nº 3/2014 de la Comisión / <i>Commission Delegated Regulation (EU) No 3/2014</i>	IX	Ensayos virtuales / <i>Virtual testing</i>	Instalación dispositivos de alumbrado y señalización luminosa / <i>Installation of lighting and light- signalling devices</i>	Solo dimensiones / <i>Dimensions only</i>	sí/no / <i>yes/no</i>
Reglamento Delegado (UE) nº3/2014 de la Comisión / <i>Commission Delegated Regulation (EU) No 3/2014</i>	X	Ensayos virtuales / <i>Virtual testing</i>	Visibilidad trasera / <i>Rearward visibility</i>	Solo instalación; Solo con arreglo al Reglamento nº 81 de la CEPE / <i>Installation only; only according to UNECE Regulation No 81</i>	sí/no / <i>yes/no</i>
Reglamento Delegado (UE) nº 3/2014 de la Comisión / <i>Commission Delegated Regulation (EU) No 3/2014</i>	XIV	Ensayos virtuales / <i>Virtual testing</i>	Instalación de neumáticos / <i>Installation of tyres</i>	Solo cuando la holgura supera los 10 mm / <i>Only where clearance exceeds 10 mm.</i>	sí/no / <i>yes/no</i>
Reglamento Delegado (UE) nº 44/2014 de la Comisión / <i>Commission Delegated Regulation (EU) No 44/2014</i>	XIV	Autoensayos y ensayos virtuales/ <i>Self & virtual testing</i>	Espacio destinado a la placa de matrícula / <i>Registration plate space</i>	---	sí/no / <i>yes/no</i>





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Referencia del acto delegado / <i>Delegated act reference</i>	Anexo nº / <i>Annex No</i>	Ensayos virtuales o autoensayos / <i>Virtual and/or self-testing</i>	Asunto / <i>Subject</i>	Restricciones / Observaciones / <i>Restrictions / Comments</i>	Aplicado / <i>Applied</i>
Reglamento Delegado (UE) nº 44/2014 de la Comisión / <i>Commission Delegated Regulation (EU) No 44/2014</i>	XVI	Autoensayos / <i>Self-testing</i>	Caballetes / <i>Stands</i>	Solo los sistemas de retención de los caballetes del punto 2.5 / <i>Only point 2.5. stand retention systems</i>	sí/no / <i>yes/no</i>
Reglamento de Ejecución (UE) nº 901/2014 de la Comisión / <i>Commission Implementing Regulation (EU) No 901/2014</i>	VIII	Autoensayos / <i>Self-testing</i>	Placa reglamentaria y marca de homologación de tipo UE / <i>Statutory plate and EU type-approval mark</i>	---	sí/no / <i>yes/no</i>

2.2.3.2. Requisitos aplicables a los dispositivos de acoplamiento y de fijación / *Requirements applying to coupling devices and attachments:*

2.2.3.2.1. Ensayo de resistencia dinámico (ensayo de resistencia) de la bola o la cabeza de acoplamiento / *Dynamic strength test (endurance test) coupling ball and/or head* : N.A.

2.2.3.2.2. Resultados del ensayo de resistencia dinámico (ensayo de resistencia) *Test results dynamic strength test (endurance test)* : N.A.

2.2.3.3. Requisitos aplicables a los salientes exteriores / *Requirements applying to external projections:*

2.2.3.3.1. Valores de la medición de los radios de los salientes exteriores, con suficiente detalle / *Values of radii measurement of exterior projections in sufficient detail* : Ver documentación del fabricante / *See manufacturer's information doc.*

2.2.3.3.2. Descripción y justificación de las disposiciones pertinentes en las que se ha basado la evaluación del vehículo / *Description and justification of the relevant provisions against which the vehicle has been assessed* : Ver apéndice / *See appendix CP-1/44/2014/VIII y/and CP-1/44/2014/VIII/01*

2.2.3.4. Requisitos funcionales del diagnóstico a bordo (DAB) / *On-board diagnostics (OBD) functional requirements* : N.A.

2.2.3.5. Caballetes / *Stands:*

2.2.3.5.1. Descripción detallada y evaluación del sistema utilizado para impedir la propulsión del vehículo con el caballete puesto / *Detailed description and assessment of the system used to prevent propulsion of the vehicle when the stand is in use* : Ver documentación del fabricante / *See manufacturer's information doc.*





Anexo - Información adicional sobre esta Homologación de tipo

Condiciones de la autorización y pie de recurso

Los vehículos, sistemas, componentes o unidades técnicas independientes fabricados en virtud de esta homologación de tipo deben estar identificados y portar las marcas correspondientes según la reglamentación aplicable.

La producción en serie de vehículos, sistemas, componentes y unidades técnicas independientes debe realizarse de acuerdo con la documentación de homologación. Todo cambio en la producción individualizada requerirá autorización expresa previa por parte de la Autoridad de Homologación Española.

Cualquier modificación en los datos incluidos en el certificado de homologación, como el nombre de la empresa, representante en la UE, dirección y las plantas de fabricación deben ser comunicados inmediatamente a la Autoridad de Homologación Española.

La homologación perderá su validez cuando la misma haya sido retirada o el tipo ya no cumpla con los requisitos legales. La retirada tendrá lugar siempre que hayan dejado de cumplirse los requisitos necesarios para la concesión y mantenimiento de la misma, cuando el fabricante no pueda demostrar a la Autoridad de Homologación el cumplimiento con los requisitos y procedimientos para garantizar la conformidad de la producción, en caso de que el titular no cumpla con sus obligaciones inherentes a la homologación o cuando se determine que el tipo homologado no cumple con los requisitos de seguridad y medio ambiente.

La Autoridad de Homologación de Tipo española podrá verificar el cumplimiento de las obligaciones del fabricante en cualquier momento. En particular, se podrá comprobar la correspondencia del producto con el tipo homologado, así como las medidas establecidas para garantizar la conformidad de la producción. A tal efecto se podrán tomar o solicitar las muestras necesarias. Se permitirá el acceso sin trabas a las instalaciones de producción y almacenamiento a los empleados o representantes de la Autoridad de Homologación Española.

La autorización objeto de esta resolución de homologación de tipo no es transferible. Los derechos de marca de terceros no se encuentran afectados por esta homologación.

Contra la presente Resolución, que no pone fin a la vía administrativa, podrá interponerse recurso de alzada ¹ ante la Dirección General de Industria y de la Pequeña y Mediana empresa, o ante la Secretaría General de Industria y de la Pequeña y Mediana empresa, en el plazo de un mes a partir del día siguiente a su notificación, de conformidad con los artículos 121 y 122 de la Ley 39/2015, de 1 de octubre, del Procedimiento Administrativo Común de las Administraciones Públicas.

¹ Nota: Para interponer recurso de alzada deberá acceder al siguiente enlace:
<https://sede.serviciosmin.gob.es/es-es/procedimientoselectronicos/Paginas/detalle-procedimientos.aspx?IdProcedimiento=157>





Annex - Additional Information on this Type Approval

Collateral clauses and right to appeal (Courtesy translation)

All vehicles, systems, components or separate technical units which correspond to the approved type are to be identified and marked according to the applied regulation.

The serial fabrication of vehicles, systems, components or separate technical must be in exact accordance with the approval documents. Changes in the individual production are only allowed with express consent of the Spanish Type Approval Authority.

Changes in the data included in the approval certificate, such as the name of the company, EU representative, address and the manufacturing plant are to be immediately disclosed to the Spanish Type Approval Authority.

The approval expires if it is withdrawn or if the type approved no longer complies with the legal requirements. The revocation can be made if the demanded requirements for issuance and the continuance of the approval no longer exist, if the manufacturer cannot demonstrate to the Type Approval Authority that it comply with the requirements and procedures to guarantee the conformity of production, if the holder of the approval violates the duties involved in the approval or if it is determined that the approved type does not comply with the requirements of traffic safety or environmental protection.

The Spanish Type Approval Authority may check the proper exercise of the conferred authority taken from this approval at any time. In particular, this means the compliant production as well as the measures for conformity of production. For this purpose, samples can be taken or have taken. The employees or the representatives of the Spanish Type Approval Authority may get unhindered access to the production and storage facilities.

The authorization contained with issuance of this approval is not transferable. Trade mark rights of third parties are not affected with this approval.

This approval does not conclude the administrative channel and can be appealed² within one month after notification, according to articles 121 and 122 of Ley 39/2015, de 1 de octubre, del Procedimiento Administrativo Común de las Administraciones Públicas. The appeal is to be addressed to Dirección General de Industria y de la Pequeña y Mediana empresa, or Secretaría General de Industria y de la Pequeña y Mediana empresa.

² Note: Appeal on the following link:

<https://sede.serviciosmin.gob.es/es-es/procedimientoselectronicos/Paginas/detalle-procedimientos.aspx?IdProcedimiento=157>



**INFORME / REPORT N° CN22110085**

REGLAMENTO (UE) N° 168/2013*2020/1694 RELATIVO A LA HOMOLOGACIÓN DE LOS VEHÍCULOS DE DOS O TRES RUEDAS Y LOS CUATRICICLOS Y A LA VIGILANCIA DEL MERCADO DE DICHSOS VEHÍCULOS

*REGULATION (EU) No. 168/2013*2020/1694 ON THE APPROVAL AND MARKET SURVEILLANCE OF TWO- OR THREE-WHEELED VEHICLES AND QUADRICYCLES*

EXTENSION IX

Fabricante / *Manufacturer* : HK SHANSU TECHNOLOGY LIMITED
Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road,
Wanchai, Hong Kong, China

Representante / *Representative* : SEVIMOTOR PIT BIKES SPAIN, S.L.
URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA
DEL ALCOR-(SEVILLA), SPAIN

Marca del vehículo / *Trade mark* : **Ver punto 0.1. de la documentación técnica /
See point 0.1. of technical documentation**

Tipo / *Type* : CP-1

Categoría y subcategoría /
Category and subcategory : L1e-B

Lugar y fecha de emisión del informe /
Place and date issued of the report : L'Albornar, Santa Oliva (Tarragona), 10.01.2023

CONCLUSIONES / CONCLUSIONS: El vehículo presentado, cuyas características técnicas se detallan en la ficha de características n° 168/2013-CP-1-09, facilitada por el constructor, anexa a este informe, son motivo de extensión respecto al vehículo tipo y extensiones (exp. IDIADA n° CN18060174, CN18100426, CN19030280, CN19040328, CN19090717, CN20020230, CN20121276, CN22010636 y CN22050172) SE **AJUSTA** a las prescripciones relativas a la Homologación de Tipo CE de los vehículos de dos o tres ruedas y los cuatriciclos en la aplicación del Reglamento (UE) N° 168/2013*2020/1694, según se detalla en los informes parciales adjuntados a este informe. / *The vehicle submitted for test, whose technical characteristics are listed in detail in information document No. 168/2013-CP-1-09, supplied by the manufacturer, attached to this report, grant grounds for extension with respect to formerly certified vehicle type and extensions (IDIADA Report No. CN18060174, CN18100426, CN19030280, CN19040328, CN19090717, CN20020230, CN20121276, CN22010636 and CN22050172) COMPLIES with the specifications related to the EC Type-Approval of two or three-wheeled and the quadricycles vehicles according to Regulation (EU) No 168/2013*2020/1694, as detailed in the separate reports annexed to this report.*

Realizado / *Performed by:*

Anpeng(apple) Li
INGENIERO DE HOMOLOGACIONES
HOMOLOGATION ENGINEER

V. B° / *Revised by:*

Josep Masip Gomez
JEFE DE DEPARTAMENTO
DEPARTMENT MANAGER

* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA
THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE

* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCIÓN PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA
THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN



ANEXO AL INFORME / ANNEX TO THE TEST REPORT

MOTIVOS DE LA EXTENSIÓN / REASONS FOR EXTENSION

– Inclusión de nuevas marcas / *Inclusion of new makes*

Nota / Note: Los puntos modificados indicados a continuación están en negrita / *Modified points listed below are in bold characters.*

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Marca de fábrica / *Trade mark* : Shansu
 Tipo / *Type* : CP-1
 Variantes/versiones / *Variants/versions* : 00/0, 00/1, 01/0, 01/1
 Categoría y subcategoría / *Category and subcategory* : L1e-B
 Fecha de recepción de la muestra / *Date sample received* : 29.11.2022

LISTADO DE LOS ACTOS REGLAMENTARIOS QUE CUMPLE EL TIPO DE VEHÍCULO / LIST OF REGULATORY ACTS WITH WHICH THE TYPE OF VEHICLE COMPLIES

Entrada / <i>Item</i>	Asunto / <i>Subject</i>	Referencia del acto reglamentario / <i>Regulatory act reference</i>	Nº Informe / <i>Report No.</i>	Variante/ versiones / <i>Variant/ versions</i>	Informe base / <i>Base report</i>
A. REQUISITOS DE EFICACIA MEDIOAMBIENTAL Y DE RENDIMIENTO DE LA UNIDAD DE PROPULSIÓN / ENVIRONMENTAL AND PROPULSION UNIT PERFORMANCE REQUIREMENTS					
1	Emisiones del tubo de escape tras un arranque en frío / <i>Tailpipe emissions after cold start</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014*2018/295 Annex II</i>	N.A.	---/---	---
2	Emisiones del tubo de escape (al ralentí aumentado) o en aceleración libre / <i>Tailpipe emissions at (increased idle) / free acceleration test</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014*2018/295 Annex III</i>	N.A.	---/---	---
3	Emisiones de gases del cárter / <i>Emissions crank-case gases</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014* 2018/295 Annex IV</i>	N.A.	---/---	---
4	Emisiones de evaporación / <i>Evaporative emissions</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014*2018/295 Annex V</i>	N.A.	---/---	---
5	Durabilidad de los dispositivos de control de la contaminación / <i>Durability of pollution-control devices</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014*2018/295 Annex VI</i>	N.A.	---/---	---

* LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, SA LABORATORIO ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594 / *THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY; S.A. LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594*
 * LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA / *THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE*
 * QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCION PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA / *THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN*
 * EL LABORATORIO HA CALCULADO LA INCERTIDUMBRE DE MEDIDA ASOCIADA A LOS RESULTADOS / *MEASUREMENT UNCERTAINTY OF THE RESULTS HAS BEEN CALCULATED BY THE LABORATORY.*
 * LA REGLA DE DECISIÓN UTILIZADA, SEGÚN LA NORMA ILAC-G8, HA SIDO LA DECLARACIÓN BINARIA DE ACEPTACIÓN SIMPLE / *THE DECISION RULE USED, ACCORDING TO THE ILAC-G8 STANDARD, WAS THE BINARY STATEMENT FOR SIMPLE ACCEPTANCE*



Entrada / Item	Asunto / Subject	Referencia del acto reglamentario / Regulatory act reference	Nº Informe / Report No.	Variante/ versiones / Variant/ versions	Informe base / Base report
6	Medición de las emisiones de CO2 consumo de combustible, consumo de energía eléctrica y determinación de la autonomía eléctrica / <i>Measurement of CO2 emissions, fuel consumption, electric energy consumption and electric range determination</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014* 2016/1824 Annex VII</i>	CP-1/134/2014/VII/e9*168/2013*1 1263*00 and CP-1/134/2014/VII/01 e9*168/2013*1 1263*04 and CP-1/134/2014/VII/02 e9*168/2013*1 1263*06	Todas / All	Ext.00 Ext.04 Ext.06
7	Ensayos medioambientales del diagnóstico a bordo (DAB) / <i>Environmental on-board diagnosis (OBD) tests</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014*2018/295 Annex VIII</i>	N.A.	---/---	---
8	Nivel sonoro admisible / <i>Permissible sound level</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014* 2016/1824 Annex IX</i>	N.A.	---/---	---
9	Procedimientos y requisitos técnicos relativos a la velocidad máxima del vehículo por construcción, el par máximo, la potencia total continua máxima y la potencia de pico máxima / <i>Procedures and technical requirements on maximum vehicle design speed, maximum torque, maximum continuous total power and maximum peak power</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014*2018/295 Annex X</i>	CP-1/134/2014/X1/e9*168/2013*1 1263*00 and CP-1/134/2014/X1/01/e9*168/2013*1 1263*06 CP-1/134/2014/X3/e9*168/2013*1 1263*00 and CP-1/134/2014/X3/01/e9*168/2013*1 1263*06	Todas / All	Ext.00 Ext.06
10	Definición de la familia de vehículos y de propulsiones / <i>Vehicle propulsion family definition</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 134/2014* 2016/1824 Annex XI</i>	N.A.	---/---	---
B. REQUISITOS DE SEGURIDAD FUNCIONAL DE LOS VEHÍCULOS / VEHICLE FUNCTIONAL SAFETY REQUIREMENTS					
1	Avisadores acústicos / <i>Audible warning devices</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex II</i>	CP-1/3/2014/II/e9*168/2013*1 1263*00	Todas / All	Ext.00

* LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, SA LABORATORIO ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594 / *THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY; S.A. LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594*

* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA / *THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE*

* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCIÓN PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA / *THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN*

* EL LABORATORIO HA CALCULADO LA INCERTIDUMBRE DE MEDIDA ASOCIADA A LOS RESULTADOS / *MEASUREMENT UNCERTAINTY OF THE RESULTS HAS BEEN CALCULATED BY THE LABORATORY.*

* LA REGLA DE DECISIÓN UTILIZADA, SEGÚN LA NORMA ILAC-G8, HA SIDO LA DECLARACIÓN BINARIA DE ACEPTACIÓN SIMPLE / *THE DECISION RULE USED, ACCORDING TO THE ILAC-G8 STANDARD, WAS THE BINARY STATEMENT FOR SIMPLE ACCEPTANCE*



Entrada / Item	Asunto / Subject	Referencia del acto reglamentario / Regulatory act reference	Nº Informe / Report No.	Variante/ versiones / Variant/ versions	Informe base / Base report
2	Frenado, incluidos los sistemas de frenado antibloqueo y los sistemas de frenado combinado / <i>Braking, including anti-lock and combined brake system</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex III</i>	CP-1/3/2014/III e9*168/2013*1 1263*00	Todas / All	Ext.00
3	Seguridad eléctrica / <i>Electric safety</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014* 2016/1824 Annex IV</i>	CP-1/3/2014/IV e9*168/2013*1 1263*00	Todas / All	Ext.00
4	Requisitos aplicables a la declaración del fabricante sobre ensayos de durabilidad de los sistemas, piezas y equipos esenciales para la seguridad funcional / <i>Manufacturer declaration requirements regarding endurance testing of functional safety-critical systems, parts and equipment</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex V</i>	CP-1/3/2014/V e9*168/2013*1 1263*00	Todas / All	Ext.00
5	Estructuras de protección delanteras y traseras / <i>Front and rear protective structures</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex VI</i>	N.A.	---/---	---
6	Acrilamiento, limpiaparabrisas, lavaparabrisas y sistemas de desempañado y de desescarchado / <i>Glazing, windscreen wipers and washers, and defrosting and demisting systems</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex VII</i>	N.A.	---/---	---
7	Mandos accionados por el conductor, con identificación de los mandos, los testigos y indicadores / <i>Driver-operated controls including identification of controls, tell-tales and indicators</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex VIII</i>	CP-1/3/2014/VIII e9*168/2013*1 1263*00	Todas / All	Ext.00

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- * LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA / *THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE*
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Entrada / Item	Asunto / Subject	Referencia del acto reglamentario / Regulatory act reference	Nº Informe / Report No.	Variante/ versiones / Variant/ versions	Informe base / Base report
8	Instalación de dispositivos de alumbrado y señalización luminosa, incluidos el encendido y apagado automáticos del alumbrado / <i>Installation of lighting and light-signalling devices, including automatic switching of lighting</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex IX</i>	CP-1/3/2014/IX e9*168/2013*1 1263*00 and CP-1/3/2014/IX/01 e9*168/2013*1 1263*02 and CP-1/3/2014/IX/02 e9*168/2013*1 1263*06 and CP-1/3/2014/IX/03 e9*168/2013*1 1263*07 and CP-1/3/2014/IX/04 e9*168/2013*1 1263*08	Todas / All	Ext.00 Ext.02 Ext.06 Ext.07 Ext.08
9	Visibilidad trasera / <i>Rearward visibility</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex X</i>	CP-1/3/2014/X e9*168/2013*1 1263*00 and CP-1/3/2014/X/01 e9*168/2013*1 1263*06	Todas / All	Ext.00 Ext.06
10	Estructura de protección en caso de vuelco (ROPS) / <i>Rollover protective structure (ROPS)</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex XI</i>	N.A.	---/---	---
11	Cinturones de seguridad y sus anclajes / <i>Safety-belt anchorages and safety-belts</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014*2016/1824 Annex XII</i>	N.A.	---/---	---
12	Plazas de asiento (sillones y asientos) / <i>Seating positions (saddles and seats)</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014* 2016/1824 Annex XIII</i>	CP-1/3/2014/XIII e9*168/2013*1 1263*00 and CP-1/3/2014/XIII/01 e9*168/2013*1 1263*01	Todas / All	Ext.00 Ext.01
13	Maniobrabilidad, propiedades de giro en curva y capacidad de giro / <i>Steer-ability, cornering properties and turn-ability</i>	Reglamento Delegado (UE) Nº / <i>Delegated Regulation (EU) No 3/2014* 2016/1824 Annex XIV</i>	CP-1/3/2014/XIV e9*168/2013*1 1263*00	Todas / All	Ext.00

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Entrada / Item	Asunto / Subject	Referencia del acto reglamentario / Regulatory act reference	Nº Informe / Report No.	Variante/ versiones / Variant/ versions	Informe base / Base report
14	Instalación de neumáticos / Installation of tyres	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 3/2014*2016/1824 Annex XV	CP-1/3/2014/XV e9*168/2013*1 1263*00 and CP-1/3/2014/XV/01 e9*168/2013*1 1263*02 and CP-1/3/2014/XV/02 e9*168/2013*1 1263*04	Todas / All	Ext.00 Ext.02 Ext.04
15	Placa de limitación de la velocidad máxima del vehículo y su emplazamiento en el vehículo / Vehicle maximum speed limitation plate and its location on the vehicle	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 3/2014*2016/1824 Annex XVI	N.A.	---/---	---
16	Protección de los ocupantes del vehículo, incluidos el acondicionamiento interior y las puertas del vehículo / Vehicle occupant protection, including interior fittings and vehicle doors	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 3/2014*2016/1824 Annex XVII	N.A.	---/---	---
17	Potencia nominal o neta continua máxima y/o limitación de la velocidad del vehículo por construcción / Maximum continuous rated or net power and/or vehicle speed limitation by design	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 3/2014*2016/1824 Annex XVIII	CP-1/3/2014/XVIII e9*168/2013*1 1263*00 and CP-1/3/2014/XVIII/01 e9*168/2013*1 1263*06	Todas / All	Ext.00 Ext.06
18	Requisitos relativos a la integridad de la estructura del vehículo / Requirements on vehicle structure integrity	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 3/2014*2016/1824 Annex XIX	CP-1/3/2014/XIX e9*168/2013*1 1263*00	Todas / All	Ext.00
C. FABRICACIÓN DE VEHÍCULOS Y REQUISITOS GENERALES A LA HOMOLOGACIÓN DE TIPO / VEHICLE CONSTRUCTION AND GENERAL TYPE-APPROVAL REQUIREMENTS					
1	Medidas de prevención de la manipulación del grupo motopropulsor (antimanipulación) / Powertrain tampering prevention measures (anti-tampering)	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex II	CP-1/44/2014/II e9*168/2013*1 1263*00 and CP-1/44/2014/II/01 e9*168/2013*1 1263*06	Todas / All	Ext.00 Ext.06

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Entrada / Item	Asunto / Subject	Referencia del acto reglamentario / Regulatory act reference	Nº Informe / Report No.	Variante/ versiones / Variant/ versions	Informe base / Base report
2	Disposiciones relativas a los procedimientos de homologación de tipo / Arrangements for type-approval procedures	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex III	De una sola vez / Single step	Todas / All	Ext.00
3	Conformidad de la producción / Conformity of production	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014* 2018/295 Annex IV	CP-1/44/2014/IV e9*168/2013*1 1263*00	Todas / All	Ext.00
4	Dispositivos de acoplamiento y de fijación / Coupling devices and attachments	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex V	N.A.	---/---	---
5	Dispositivos de protección contra la utilización no autorizada / Devices to prevent unauthorised use	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014* 2016/1824 Annex VI	CP-1/44/2014/VI e9*168/2013*1 1263*00	Todas / All	Ext.00
6	Compatibilidad electromagnética (CEM) / Eletromagnetic compatibility (EMC)	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex VII	CP-1/44/2014/VII e9*168/2013*1 1263*00	Todas / All	Ext.00
7	Salientes exteriores / External projections	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex VIII	CP-1/44/2014/VIII e9*168/2013*1 1263*00 and CP-1/44/2014/VIII/01 e9*168/2013*1 1263*06	Todas / All	Ext.00 Ext.06
8	Almacenamiento de combustible / Fuel storage	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex IX	N.A.	---/---	---
9	Plataformas de carga / Load platforms	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex X	N.A.	---/---	---
10	Masas y dimensiones / Masses and dimensions	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014* 2016/1824 Annex XI	CP-1/44/2014/XI e9*168/2013*1 1263*00 and CP-1/44/2014/XI/01 e9*168/2013*1 1263*06	Todas / All	Ext.00 Ext.06
11	Requisitos funcionales del diagnóstico a bordo (DAB) / On-board diagnostics (OBD) functional requirements	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2018/295 Annex XII	N.A.	---/---	---

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Entrada / Item	Asunto / Subject	Referencia del acto reglamentario / Regulatory act reference	Nº Informe / Report No.	Variante/ versiones / Variant/ versions	Informe base / Base report
12	Asideros y reposapiés para pasajeros / Passenger handholds and footrests	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex XIII	CP-1/44/2014/XIII/e9*168/2013*11263*00 and CP-1/44/2014/XIII/01 e9*168/2013*11263*01 and CP-1/44/2014/XIII/02 e9*168/2013*11263*06	Todas / All	Ext.00 Ext.01 Ext.06
13	Espacio destinado a la placa de matrícula / Registration plate space	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex XIV	CP-1/44/2014/XIV/e9*168/2013*11263*00	Todas / All	Ext.00
14	Acceso a la información sobre la reparación y el mantenimiento / Access to repair and maintenance information	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex XV	CP-1/44/2014/XV/e9*168/2013*11263*00	Todas / All	Ext.00
15	Caballetes / Stands	Reglamento Delegado (UE) Nº / Delegated Regulation (EU) No 44/2014*2016/1824 Annex XVI	CP-1/44/2014/XVI/e9*168/2013*11263*00	Todas / All	Ext.00
D. REQUISITOS ADMINISTRATIVOS PARA LA HOMOLOGACIÓN Y LA VIGILANCIA DEL MERCADO / ADMINISTRATIVE REQUIREMENTS FOR THE APPROVAL AND MARKET SURVEILLANCE					
1	Placa reglamentaria y marca de homologación de tipo UE / Statutory plate and EU type-approval mark	Reglamento de Ejecución (UE) Nº / Implementing Regulation (EU) No 901/2014*2020/239 Annex V	CP-1/901/2014/V/e9*168/2013*11263*00 and CP-1/901/2014/V/01 e9*168/2013*11263*06	Todas / All	Ext.00 Ext.06

Lugar / Place : L'Albornar, Santa Oliva (Tarragona) SPAIN
 Fecha / Date : 10.01.2023



Anpeng(apple) Li
 INGENIERO DE HOMOLOGACIONES
 HOMOLOGATION ENGINEER

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DOCUMENTACIÓN TÉCNICA /
TECHNICAL DOCUMENTATION



HK SHANSU TECHNOLOGY LIMITED

Information document number: 168/2013-CP-1-09

Date: Nov. 29, 2022

INFORMATION DOCUMENT CONCERNING THE APPROVAL OF A WHOLE VEHICLE TYPE

Index Contents:

- 1) Brief technical description of vehicle configuration(s);
- 2) Information document;

Annexes to information document:

- 1) Manufacturer's statement on endurance testing;
- 2) Manufacturer's statement on structure integrity;
- 3) Manufacturer's certificate on access to ~~vehicle OBD(Stage I) and~~ vehicle repair and maintenance information;
- 4) Manufacturer's statement on Anti-tampering;
- 5) Statement on none "defeat device";
- 6) Manufacturer's Statement Concerning Authority of Signature on certificate of conformity;
- 7) Template of certificate of conformity;



HK SHANSU TECHNOLOGY LIMITED

Information document number: 168/2013-CP-1-09

Date: Nov. 29, 2022

SUBJECT: VEHICLE TYPE “CP-1”

This document concerns the following information:

Variant(s)/Version(s)	Brief technical description
00/0	Electric engine type “SS60V1500W50C”, and electric engine is in the rear of vehicle, Maximum continuous-rated power electric motor (45/30 ⁽⁴⁾ minutes power ⁽²⁷⁾): 1.5 kW at 350 min ⁻¹ , max speed 45 km/h, front disc brake, rear disc brake.
00/1	
01/0	Electric engine type “SS60V1500W50C”, and electric engine is in the rear of vehicle, Maximum continuous-rated power electric motor (45/30 ⁽⁴⁾ minutes power ⁽²⁷⁾) 1.5 kW at 270 min ⁻¹ , max speed 25 km/h, front disc brake, rear disc brake.
01/1	

Document

Extension Index	Application Date	Reasons for extension
00	May 15, 2018	Not applicable
01	Oct. 09, 2018	1. Inclusion of new makes 2. Inclusion an optional seat 3. Inclusion an optional hand-hold
02	Feb. 25, 2019	1. Inclusion of new position of rear suspension 2. Inclusion of optional lighting devices 3. Inclusion of new position for side reflectors 4. Inclusion of optional tires 5. Correction of drawing No. CP-1-11, CP-1-29.1 6. Update the technical documentation
03	Apr. 09, 2019	1. Correction dimensions of the vehicle 2. Inclusion of a new commercial name
04	Sep. 10, 2019	1. Inclusion of new makes 2. Inclusion of new optional tyres 3. Update to Euro 5 4. Updating of drawings CP-1-03.1, CP-1-03.2, CP-1-03.3, CP-1-03.4 on technical documentation 5. Update the technical documentation 6. Update the CoC model
05	Jan. 01, 2020	1. Inclusion of a new make. 2. Inclusion of new commercial names. 3. Update the technical documentation. 4. Update the CoC model.
06	Oct. 25, 2020	1. Inclusion of new makes. 2. Inclusion of new variants/versions (00/1, 01/0 and 01/1). 3. Change of the location of the manufacturer's statutory plate. 4. Inclusion of new optional rear-view mirror. 5. Inclusion of new optional headlamps, front position lamps, stop lamps, rear position lamps, rear registration lamps and direction indicator lamp. 6. Inclusion of a new optional appearance for propulsion battery. 7. Inclusion of two optional handholds for variants/versions (00/0 and 01/0). 8. Update of drawings CP-1-01, CP-1-02 and CP-1-06. 9. Update of the communication, technical documentation and COC model according to R(EU) No. 901/2014*2020/239.
07	Jan. 18, 2022	1. Inclusion of new makes. 2. Update the address of the assembly plant. 3. Inclusion of optional lighting devices.



HK SHANSU TECHNOLOGY LIMITED

Information document number: 168/2013-CP-1-09

Date: Nov. 29, 2022

08	Apr. 11, 2022	1. Inclusion of a new make. 2. Inclusion of new optional front and rear direction indicators, side and rear retro-reflectors.
09	Nov. 29, 2022	Inclusion of new makes.

Variants and Versions matrix:

Item No.	Variants	Versions	Brief description
See information document	00	0	Engine type: SS60V1500W50C
		1	Motor controller type: SS12-60V-YTC
See information document	01	0	Engine type: SS60V1500W50C
		1	Motor controller type: SS12-60V-YTC-25



HK SHANSU TECHNOLOGY LIMITED

Information document number: 168/2013-CP-1-09

Date: Nov. 29, 2022

INFORMATION DOCUMENT FOR THE PURPOSE OF EC TYPE-APPROVAL OF VEHICLES

According to Regulation (EU) number 168/2013*2020/1694
and Commission implementing Regulation (EU) number 901/2014*2020/239

Item No.	(Sub) categories	Detailed information	
0.		GENERAL INFORMATION	
A.		General information concerning vehicles	
0.1.	L1e-L7e	Make (trade name of manufacturer)	: Shansu, Rooder, MALCOR, EGREEN, Strollwheel, E-CRUIZER, Anwa, YUHANZHEN, RUNSCOOTERS, I-RUNFLY, PUGGI, fatbee, ORIDINGWAY, HOLYSO, Hecht MOTORS, Easycool, Jenquip, NEW EXAMPLE, XIN BANGYANG, CITYCOCO, MALCOR IBERICA, MTR BIKES, RETELLI, eMobility, MINGTO, JRH
0.2.	L1e-L7e	Type ⁽¹⁷⁾	: CP-1
0.2.1.	L1e-L7e	Variant(s) ⁽¹⁷⁾	: 00, 01
0.2.2.	L1e-L7e	Version(s) ⁽¹⁷⁾	: 0, 1
0.2.3.	L1e-L7e	Commercial name(s) (if available)	: EGREEN, electric scooter, HECHT COCIS, HECHT COCIS ZERO
0.3.	L1e-L7e	Category, subcategory and sub-subcategory of vehicle ⁽²⁾	: L1e-B
0.4.	L1e-L7e	Company name and address of manufacturer	: HK SHANSU TECHNOLOGY LIMITED Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road, Wanchai, Hong Kong, China
0.4.1.	L1e-L7e	Name(s) and address(es) of assembly plants	: Yongkang Changpao Industry and Trade Co., Ltd. North of the Second Floor of No. 1 Factory, No. 19th Wanghu Road, Yongkang Economic Development Zone, Jinhua City, Zhejiang Province, The People's Republic of China, ZIP: 321300
0.4.2.	L1e-L7e	Name and address of manufacturer's authorised representative, if any	: SEVIMOTOR PIT BIKES SPAIN, S.L. URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN
0.5.	L1e-L7e	Manufacturer's statutory plate(s)	
0.5.1.	L1e-L7e	Location of the manufacturer's statutory plate ⁽¹⁵⁾ ⁽¹⁸⁾	: L, x 1190, y 50, z 490
0.5.2.	L1e-L7e	Method of attachment	: By riveted
0.5.3.	L1e-L7e	Photographs and/or drawings of the statutory plate (completed example with dimensions)	: Refer to drawing No. CP-1-01



HK SHANSU TECHNOLOGY LIMITED

Information document number: 168/2013-CP-1-09

Date: Nov. 29, 2022

Item No.	(Sub) categories	Detailed information									
0.6.	L1e-L7e	Location of the vehicle identification number ⁽¹⁵⁾	: R, x 330, y 90, z 450								
0.6.1.	L1e-L7e	Photographs and/or drawings of the locations of the vehicle identification number (completed example with dimensions)	: Refer to drawing No. CP-1-02								
0.6.1.1.	L1e-L7e	The serial number of the type begins with	: <table border="1"> <tr> <td>CP-1/00/0</td> <td>☆R36CP1000?A?????☆</td> </tr> <tr> <td>CP-1/00/1</td> <td>☆R36CP1001?A?????☆</td> </tr> <tr> <td>CP-1/01/0</td> <td>☆R36CP1010?A?????☆</td> </tr> <tr> <td>CP-1/01/1</td> <td>☆R36CP1011?A?????☆</td> </tr> </table>	CP-1/00/0	☆R36CP1000?A?????☆	CP-1/00/1	☆R36CP1001?A?????☆	CP-1/01/0	☆R36CP1010?A?????☆	CP-1/01/1	☆R36CP1011?A?????☆
CP-1/00/0	☆R36CP1000?A?????☆										
CP-1/00/1	☆R36CP1001?A?????☆										
CP-1/01/0	☆R36CP1010?A?????☆										
CP-1/01/1	☆R36CP1011?A?????☆										
B.		General information concerning systems, components or separate technical units									
	L1e-L7e	From 0.7. to 0.11.2.	: Not applicable								
C.		General information regarding conformity of production and access to repair and maintenance information									
0.12.		Conformity of production									
0.12.1.	L1e-L7e	Description of overall quality-assurance management systems	: ISO9001: 2015 quality management system and EEC requirements								
0.13.		Access to repair and maintenance information									
0.13.1.	L1e-L7e	Address of principal website for access to vehicle repair and maintenance information	: http://www.zjshansu.com/ Information available within six months from the date of type approval. See regulation (EU) No 168/2013, Article 57, paragraph 8								
0.13.2.	L1e-L7e	In the case of multi-stage type-approval, address of principal website for access to vehicle repair and maintenance information from manufacturer(s) at previous stage(s)	: Not applicable								
1.		GENERAL CONSTRUCTION CHARACTERISTICS									
1.1.	L1e-L7e	Photographs and/or drawings of a representative vehicle	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="2">Refer to drawing No. CP-1-03.1, CP-1-03.2, CP-1-03.3, CP-1-03.4</td> </tr> <tr> <td>CP-1/01/0</td> </tr> <tr> <td>CP-1/00/1</td> <td rowspan="2">Refer to drawing No. CP-1-03.5</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	Refer to drawing No. CP-1-03.1, CP-1-03.2, CP-1-03.3, CP-1-03.4	CP-1/01/0	CP-1/00/1	Refer to drawing No. CP-1-03.5	CP-1/01/1		
CP-1/00/0	Refer to drawing No. CP-1-03.1, CP-1-03.2, CP-1-03.3, CP-1-03.4										
CP-1/01/0											
CP-1/00/1	Refer to drawing No. CP-1-03.5										
CP-1/01/1											
1.2.	L1e-L7e	Scale drawing of the whole vehicle	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="2">Refer to drawing No. CP-1-03.1, CP-1-03.2, CP-1-03.3, CP-1-03.4</td> </tr> <tr> <td>CP-1/01/0</td> </tr> <tr> <td>CP-1/00/1</td> <td rowspan="2">Refer to drawing No. CP-1-03.5</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	Refer to drawing No. CP-1-03.1, CP-1-03.2, CP-1-03.3, CP-1-03.4	CP-1/01/0	CP-1/00/1	Refer to drawing No. CP-1-03.5	CP-1/01/1		
CP-1/00/0	Refer to drawing No. CP-1-03.1, CP-1-03.2, CP-1-03.3, CP-1-03.4										
CP-1/01/0											
CP-1/00/1	Refer to drawing No. CP-1-03.5										
CP-1/01/1											
1.3.	L1e-L7e	Number of axles and wheels	: 2 axles / 2 wheels								
1.3.1.	L1e-L7e	Axles with twinned wheels ⁽²³⁾	: Not applicable								
1.3.2.	L1e-L7e	Powered axles ⁽²³⁾	: R (rear powered axle)								



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Item No.	(Sub) categories	Detailed information							
1.4.	L1e-L7e	Chassis (if any) (overall drawing)	: Refer to drawing No. CP-1-04						
1.5.		Material used for the bodywork	: Not applicable (L2e, L5e-B, L6e-B, L7e-A2, L7e-B2, L7e-C)						
1.6.	L1e-L7e	Position and arrangement of the propulsion(s)	: In the centre of rear wheel. Refer to drawing No. CP-1-05						
1.7.		Hand of drive: left/right /centre ⁽⁴⁾	: Not applicable (L4e, L5e-B, L6e-B, L7e-A2, L7e-B2, L7e-C)						
1.7.1.	L1e-L7e	Vehicle is equipped to be driven in right/left-hand traffic and in countries that use metric/metric and imperial units. ⁽⁴⁾	: Right- and left-hand traffic Metric and imperial units						
1.8.		Propulsion unit performance							
1.8.1.		Declared maximum vehicle speed	: Not applicable (L3e, L4e, L5e, L7e-A, L7e-B2)						
1.8.2.	L1e, L2e, L6e, L7e-B1, L7e-C	Maximum design vehicle speed ⁽²²⁾	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="2">45 km/h</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/0</td> <td rowspan="2">25 km/h</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table> and gear in which it is reached: Not applicable	CP-1/00/0	45 km/h	CP-1/00/1	CP-1/01/0	25 km/h	CP-1/01/1
CP-1/00/0	45 km/h								
CP-1/00/1									
CP-1/01/0	25 km/h								
CP-1/01/1									
1.8.3.	L1e-L7e	Maximum net power combustion engine	: Not applicable						
1.8.4.	L1e-L7e	Maximum net torque combustion engine	: Not applicable						
1.8.5.	L1e-L7e	Maximum continuous-rated power electric motor (15 /30 ⁽⁴⁾ minutes power ⁽²⁷⁾)	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="2">1.5 kW at 350 min⁻¹</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/0</td> <td rowspan="2">1.5 kW at 270 min⁻¹</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	1.5 kW at 350 min ⁻¹	CP-1/00/1	CP-1/01/0	1.5 kW at 270 min ⁻¹	CP-1/01/1
CP-1/00/0	1.5 kW at 350 min ⁻¹								
CP-1/00/1									
CP-1/01/0	1.5 kW at 270 min ⁻¹								
CP-1/01/1									
1.8.6.	L1e-L7e	Maximum continuous-rated torque electric motor	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="2">41.0 N.m at 350 min⁻¹</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/0</td> <td rowspan="2">53.0 N.m at 270 min⁻¹</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	41.0 N.m at 350 min ⁻¹	CP-1/00/1	CP-1/01/0	53.0 N.m at 270 min ⁻¹	CP-1/01/1
CP-1/00/0	41.0 N.m at 350 min ⁻¹								
CP-1/00/1									
CP-1/01/0	53.0 N.m at 270 min ⁻¹								
CP-1/01/1									
1.8.7.	L1e-L7e	Maximum continuous total power for propulsion(s)	: Not applicable						
1.8.8.	L1e-L7e	Maximum continuous total torque for propulsion(s)	: Not applicable						
1.8.9.	L1e-L7e	Maximum peak power for propulsion(s)	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="2">2.1 kW at 345 min⁻¹</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/0</td> <td rowspan="2">1.85 kW at 250 min⁻¹</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	2.1 kW at 345 min ⁻¹	CP-1/00/1	CP-1/01/0	1.85 kW at 250 min ⁻¹	CP-1/01/1
CP-1/00/0	2.1 kW at 345 min ⁻¹								
CP-1/00/1									
CP-1/01/0	1.85 kW at 250 min ⁻¹								
CP-1/01/1									
2.		MASSES AND DIMENSIONS (in kg and mm.) refer to drawings where applicable							
2.1.		Range of vehicle mass (overall)							
2.1.1.	L1e-L7e	Mass in running order	: 62 kg						



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2.1.1.1.	L1e-L7e	Distribution of mass in running order between the axles	: Front: 26 kg Rear: 36 kg
2.1.2.	L1e-L7e	Actual mass	: 144 kg
2.1.2.1.	L1e-L7e	Distribution of actual mass between the axles	: Front: 70 kg Rear: 74 kg
2.1.3.	L1e-L7e	Technically permissible maximum laden mass	: 219 kg
2.1.3.1.	L1e-L7e	Technically permissible maximum mass on front axle	: 79 kg
2.1.3.2.	L1e-L7e	Technically permissible maximum mass on rear axle	: 140 kg
2.1.3.3.	L4e	Technically permissible maximum mass on sidecar axle	: Not applicable
2.1.4.	L1e-L7e	Maximum hill-starting ability at the maximum technically permissible mass declared by the manufacturer	: 15° slope
2.1.5.	L1e-L7e	Maximum pay mass declared by manufacturer	: 75 kg
2.1.6.	L1e-L7e	Safe load carrying capacity of load platform declared by manufacturer	: Not applicable
2.1.7.	L1e-L7e	Technically permissible maximum towable mass in case of ⁽⁴⁾	: Not applicable
2.1.7.1.	L1e-L7e	Technically permissible maximum laden mass of the combination	: Not applicable
2.1.7.2.	L1e-L7e	Technically permissible maximum mass at the coupling point	: Not applicable
2.1.8.	L1e-L7e	Mass of the optional equipment	: Not applicable
2.1.9.	L1e-L7e	Mass of the superstructure	: Not applicable
2.1.10.	L1e-L7e	Mass of the propulsion battery	: 7 kg
2.1.11.		Mass of the doors	: Not applicable (L2e, L4e, L5e, L6e, L7e)
2.1.12.		Mass of the machines or equipment installed on the load platform area	: Not applicable (L2e-U, L5e-B, L6e-BU, L7e-CU)
2.1.13.	L1e-L7e	Mass of the gaseous fuel system as well as storage tanks for gaseous fuel	: Not applicable
2.1.14.	L1e-L7e	Mass of the storage tanks to store compressed air	: Not applicable
2.2.		Range of vehicle dimensions (overall)	



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Item No.	(Sub) categories	Detailed information							
2.2.1.	L1e-L7e	Length	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="2">1870 mm</td> </tr> <tr> <td>CP-1/01/0</td> </tr> <tr> <td>CP-1/00/1</td> <td rowspan="2">1990 mm</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	1870 mm	CP-1/01/0	CP-1/00/1	1990 mm	CP-1/01/1
CP-1/00/0	1870 mm								
CP-1/01/0									
CP-1/00/1	1990 mm								
CP-1/01/1									
2.2.2.	L1e-L7e	Width	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="4">760 mm</td> </tr> <tr> <td>CP-1/01/0</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	760 mm	CP-1/01/0	CP-1/00/1	CP-1/01/1	
CP-1/00/0	760 mm								
CP-1/01/0									
CP-1/00/1									
CP-1/01/1									
2.2.3.	L1e-L7e	Height	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="4">1120 mm</td> </tr> <tr> <td>CP-1/01/0</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	1120 mm	CP-1/01/0	CP-1/00/1	CP-1/01/1	
CP-1/00/0	1120 mm								
CP-1/01/0									
CP-1/00/1									
CP-1/01/1									
2.2.4.	L1e-L7e	Wheelbase	: <table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="4">1430 mm</td> </tr> <tr> <td>CP-1/01/0</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	1430 mm	CP-1/01/0	CP-1/00/1	CP-1/01/1	
CP-1/00/0	1430 mm								
CP-1/01/0									
CP-1/00/1									
CP-1/01/1									
2.2.4.1.	L4e	Wheelbase sidecar ⁽²⁸⁾	: Not applicable						
2.2.5.		Track width							
		From 2.2.5.1. to 2.2.5.3.	: Not applicable						
2.2.6.	L7e-B	Front overhang	: Not applicable						
2.2.7.	L7e-B	Rear overhang	: Not applicable						
2.2.8.		Load platform dimensions							
		From 2.2.8.1. to 2.2.8.3.	: Not applicable (L2e-U, L5e-B, L6e-BU, L7e- B2, L7e-CU)						
2.2.9.		Centre of gravity							
		From 2.2.9.1. to 2.2.9.3.	: Not applicable (L2e-U, L5e-B, L6e-BU, L7e- B2, L7e-CU)						
2.2.10.		Miscellaneous dimensions							
		From 2.2.10.1. to 2.2.10.10.	: Not applicable						
3.		GENERAL POWERTRAIN CHARACTERISTICS							
3.1.		Manufacturer of the propulsion unit							
3.1.1.		<i>Combustion engine</i>							
	L1e-L7e	From 3.1.1.1. to 3.1.1.3.	: Not applicable						
3.1.2.		<i>Electric motor</i>							
3.1.2.1.	L1e-L7e	Manufacturer	: Yongkang Yanhuang Industry and Trade Co., Ltd. Make: SHANSU						



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Item No.	(Sub) categories	Detailed information						
3.1.2.2.	L1e-L7e	Electric motor code (as marked on the engine or other means of identification)	: SS60V1500W50C					
3.1.3.		<i>Hybrid application</i>						
	L1e-L7e	<i>From 3.1.3.1. to 3.1.3.4.</i>	: Not applicable					
3.2.		Combustion engine						
	L1e-L7e	<i>From 3.2.1. to 3.2.13.4.</i>	: Not applicable					
3.3.		Pure electric and hybrid electric propulsion and control						
3.3.1.	L1e-L7e	Electric vehicle configuration:	: pure electric/ hybrid electric / manpower electric ⁽⁴⁾					
3.3.2.	L1e-L7e	Brief description and schematic drawing of pure and hybrid electric propulsions and its control system(s)	: Refer to drawing No. CP-1-05, CP-1-06, CP-1-07					
3.3.3.		<i>Electric propulsion motor</i>						
3.3.3.1.	L1e-L7e	Number of electric motors for propulsion	: 1					
3.3.3.2.	L1e-L7e	Type (winding, excitation)	: Winding					
3.3.3.3.	L1e-L7e	Operating voltage	: 60 V					
3.3.3.4.	L1e-L7e	15/30 ⁽⁴⁾ minutes power ⁽²⁷⁾	: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>CP-1/00/0</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">1.5 kW</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/0</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	1.5 kW	CP-1/00/1	CP-1/01/0	CP-1/01/1
CP-1/00/0	1.5 kW							
CP-1/00/1								
CP-1/01/0								
CP-1/01/1								
3.3.4.		<i>Propulsion batteries</i>						
3.3.4.1.	L1e-L7e	Primary propulsion battery						
3.3.4.1.1.	L1e-L7e	Number of cells	: 128					
3.3.4.1.2.	L1e-L7e	Mass	: 7 kg					
3.3.4.1.3.	L1e-L7e	Capacity	: 20 Ah					
3.3.4.1.4.	L1e-L7e	Voltage	: 60 V					
3.3.4.1.5.	L1e-L7e	Position in the vehicle	: Refer to drawing No. CP-1-08					
3.3.4.2.	L1e-L7e	Secondary propulsion battery						
3.3.4.2.1.	L1e-L7e	Number of cells	: Not applicable					
3.3.4.2.2.	L1e-L7e	Mass	: Not applicable					
3.3.4.2.3.	L1e-L7e	Capacity	: Not applicable					
3.3.4.2.4.	L1e-L7e	Voltage	: Not applicable					
3.3.4.2.5.	L1e-L7e	Position in the vehicle	: Not applicable					
3.3.5.		<i>Hybrid electric vehicle</i>						

Note: Modified points are in bold characters.



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Item No.	(Sub) categories	Detailed information							
	L1e-L7e	From 3.3.5.1. to 3.3.5.7.	: Not applicable						
3.3.6.		<i>Energy storage device</i>							
3.3.6.1.	L1e-L7e	Description	: (battery, capacitor, flywheel/generator) ⁽⁴⁾						
3.3.6.2.	L1e-L7e	Identification number	: HY18650MP16S6						
*3.3.6.3.	L1e-L7e	Kind of electrochemical couple	: Lithium battery						
3.3.6.4.	L1e-L7e	Energy (for battery: voltage and capacity Ah in 2h, for capacitor: J,..., for flywheel/generator: J,...)	: 60V, 20Ah						
3.3.6.5.	L1e-L7e	Charger	: on-board /external/ without ⁽⁴⁾ Refer to drawing No. CP-1-09, CP-1-35						
3.3.7.		<i>Electric motor (describe each type of electric motor separately)</i>							
3.3.7.1.	L1e-L7e	Primary use	: Propulsion motor/generator ⁽⁴⁾						
3.3.7.2.	L1e-L7e	When used as propulsion motor	: single-/multi-motors (number) ⁽⁴⁾						
3.3.7.3.	L1e-L7e	Working principle	: Permanent magnet brushless DC motor						
3.3.7.4.	L1e-L7e	Direct current/alternating current/number of phases	: Direct current / three phases						
3.3.7.5.	L1e-L7e	Separate excitation /series/ compound ⁽⁴⁾	: Series						
3.3.7.6.	L1e-L7e	Synchronous/ asynchronous ⁽⁴⁾	: Synchronous						
3.3.8.		<i>Electric motor control unit</i>							
3.3.8.1.	L1e-L7e	Identification number	: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>CP-1/00/0</td> <td rowspan="2">SS12-60V-YTC</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/0</td> <td rowspan="2">SS12-60V-YTC-25</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	SS12-60V-YTC	CP-1/00/1	CP-1/01/0	SS12-60V-YTC-25	CP-1/01/1
CP-1/00/0	SS12-60V-YTC								
CP-1/00/1									
CP-1/01/0	SS12-60V-YTC-25								
CP-1/01/1									
3.3.9.		<i>Power controller</i>							
3.3.9.1.	L1e-L7e	Identification number	: Not applicable						
3.4.		Other engines, electric motors or combinations (specific information concerning the parts of these motors)							
	L1e-L7e	From 3.4.1. to 3.4.2.5.1.	: Not applicable						
3.5.		Drive-train and control ⁽¹³⁾							
3.5.1.	L1e-L7e	Brief description and schematic drawing of the vehicle drive-train and its control system (gear shift control, clutch control or any other element of drive-train)	: Not applicable						
3.5.2.		<i>Clutch</i>							
3.5.2.1.	L1e-L7e	Brief description and schematic drawing of the clutch and its control system	: Not applicable						



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Item No.	(Sub) categories	Detailed information	
3.5.3.		<i>Transmission</i>	
3.5.3.1.	L1e-L7e	Brief description and schematic drawing of gear shift system(s) and its control	: Not applicable
3.5.3.2.	L1e-L7e	Drawing of the transmission	: Not applicable
3.5.3.3.	L1e-L7e	Type (mechanical, hydraulic, electric, manual/manual automated/automatic/CVT/ other (indicate).) ⁽⁴⁾	: Other (Wheel-hub motor)
3.5.3.4.	L1e-L7e	A brief description of the electrical/electronic components (if any)	: Not applicable
3.5.3.5.	L1e-L7e	Location relative to the engine	: Not applicable
3.5.3.6.	L1e-L7e	Method of control	: Not applicable
3.5.4.	L1e-L7e	<i>Gear ratios</i>	

Overview gear ratios				
Gear ⁽²⁴⁾	Internal transmission ratios (ratios of engine to transmission output shaft revolutions)	Final drive ratio(s) (ratio of transmission output shaft to driven wheel revolutions)	Total gear ratios	Ratio (engine speed/vehicle speed) for Manual transmission only
1	Not applicable	Not applicable	Not applicable	Not applicable
Reverse	Not applicable	Not applicable	Not applicable	Not applicable

		From 3.5.4.1. to 3.5.4.2.	: Not applicable (L3e-AxE, L3e-AxT)
3.6.		Safe-cornering device	
3.6.1.		Safe-cornering device (Annex VIII to Regulation (EU) No 168/2013)	: yes/no ⁽⁴⁾ ; differential/other ⁽⁴⁾ (L1e-L7e equipped with twinned wheels, L2e, L5e, L6e, L7e)
3.6.2.		Differential lock	: yes/no/optional ⁽⁴⁾ (L1e-L7e equipped with twinned wheels, L2e, L5e, L6e, L7e)
3.6.3.	L1e-L7e	Brief description and schematic drawing of the safe-cornering device, the differential lock and their control systems	: Not applicable
3.7.		Suspension and control	
3.7.1.	L1e-L7e	Brief description and schematic drawing of suspension and its control system	: Refer to drawing No. CP-1-10.1, CP-1-10.2, CP-1-11, CP-1-11.1
3.7.2.	L1e-L7e	Drawing of the suspension arrangements	: Refer to drawing No. CP-1-10.1, CP-1-10.2, CP-1-11, CP-1-11.1
3.7.3.	L1e-L7e	Level adjustment	: yes/no/optional ⁽⁴⁾
3.7.4.	L1e-L7e	Brief description of the electrical/electronic components	: Not applicable
3.7.5.	L1e-L7e	Stabilisers	: yes/no/optional ⁽⁴⁾
3.7.6.	L1e-L7e	Shock absorbers	: yes/no/optional ⁽⁴⁾

Note: Modified points are in bold characters.



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3.8.		Passenger-compartment heating system and air-conditioning							
		From 3.8.1. to 3.8.2.3.4.	: Not applicable (L2e, L5e-B, L6e-B, L7e)						
3.9.		Cycles designed to pedal							
3.9.1.	L1e	Ratio manpower/electric power	: Not applicable						
3.9.2.	L1e	Maximum assistance factor	: Not applicable						
3.9.3.	L1e	Maximum vehicle speed for which the electric motor gives assistance	: Not applicable						
3.9.4.	L1e	Switch-off distance	: Not applicable						
4.		GENERAL INFORMATION ON ENVIRONMENTAL AND PROPULSION PERFORMANCE							
4.0.		General information on environmental and propulsion performance							
4.0.1.	L1e-L7e	Environmental step	: Euro 5 (3/4/5/5+) ⁽⁴⁾						
4.0.2.	L1e-L7e	Fuel consumption (provide details for each reference fuel tested)	: Not applicable						
4.0.3.	L1e-L7e	CO ₂ emissions ⁽²⁵⁾	: Not applicable						
4.0.4.	L1e-L7e	Energy consumption ⁽²⁵⁾	: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>CP-1/00/0</td> <td rowspan="2">35 Wh/km</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/0</td> <td rowspan="2">30 Wh/km</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	35 Wh/km	CP-1/00/1	CP-1/01/0	30 Wh/km	CP-1/01/1
CP-1/00/0	35 Wh/km								
CP-1/00/1									
CP-1/01/0	30 Wh/km								
CP-1/01/1									
4.0.5.	L1e-L7e	Electric range ⁽²⁵⁾	: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>CP-1/00/0</td> <td rowspan="2">57 km</td> </tr> <tr> <td>CP-1/00/1</td> </tr> <tr> <td>CP-1/01/0</td> <td rowspan="2">68 km</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	57 km	CP-1/00/1	CP-1/01/0	68 km	CP-1/01/1
CP-1/00/0	57 km								
CP-1/00/1									
CP-1/01/0	68 km								
CP-1/01/1									
4.1.		Tailpipe emission-control system							
	L1e-L7e	From 4.1.1. to 4.1.8.1.	: Not applicable						
4.2.		Crankcase emission control system							
4.2.1.	L1e-L7e	Configuration of crank-case gas recycling system (breather system, positive crank-case ventilation system, other) ⁽⁴⁾ (description and drawings)	: Not applicable						
4.3.		Evaporative emission control system							
	L1e-L7e	From 4.3.1. to 4.3.8.	: Not applicable						
4.4.		Additional information on environmental and propulsion unit performance							
	L1e-L7e	From 4.4.1. to 4.4.4.	: Not applicable						
5.		VEHICLE PROPULSION FAMILY							



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5.1.	L1e-L7e	To define the vehicle propulsion family, the manufacturer shall submit the information required for classification criteria set out in point 3 of Annex XI to Commission Delegated Regulation (EU) No 134/2014, if not already provided in the information document. : Not applicable
6.		INFORMATION ON FUNCTIONAL SAFETY
6.1.		Audible warning devices
6.1.1.	L1e-L7e	Summary description of device(s) used and their purpose : Eletro-magnetic with resonator disc, single-tone. Used to warn other traffics and pedestrians. Make: LVEE Type: DL70-II Approval mark: II E32 000002
6.1.2.	L1e-L7e	Drawing(s) showing the location of the audible warning device(s) in relation to the structure of the vehicle : Refer to drawing No. CP-1-12.1, CP-1-12.2
6.1.3.	L1e-L7e	Details of the method of attachment, including the part of the vehicle structure to which the audible warning device(s) is (are) attached : Refer to drawing No. CP-1-12.1, CP-1-12.2
6.1.4.	L1e-L7e	Electrical/pneumatic circuit diagram : Refer to drawing No. CP-1-12.1, CP-1-12.2
6.1.4.1.	L1e-L7e	Voltage : AC/DC ⁽⁴⁾
6.1.4.2.	L1e-L7e	Rated voltage or pressure : 12V
6.1.5.	L1e-L7e	Drawing of the mounting device : Refer to drawing No. CP-1-12.1, CP-1-12.2
6.2.		Braking, including anti-lock and combined braking systems
6.2.1.	L1e-L7e	Characteristics of the brakes, including details and drawings of the drums , discs, hoses, make and type of shoe /pad assemblies and/or linings , effective braking areas, radius of drums , shoes or discs, mass of drums , adjustment devices, relevant parts of the axle(s) and suspension, levers, pedals ⁽⁴⁾ : Refer to drawing No. CP-1-14, CP-1-15, CP-1-16, CP-1-17, CP-1-18, CP-1-19, CP-1-20, CP-1-21
6.2.2.	L1e-L7e	Operating diagram, description and/or drawing of the braking system, including details and drawings of the transmission and controls as well as a brief description of the electrical and/or electronic components used in the braking system ⁽⁴⁾ : Refer to drawing No. CP-1-14, CP-1-17, CP-1-18
6.2.2.1.	L1e-L7e	Front, rear and sidecar brakes, disc and/or drum ⁽⁴⁾ : Front: disc Rear: disc
6.2.2.2.	L1e-L7e	Parking braking system : Not applicable
6.2.2.3.	L1e-L7e	Any additional braking system : No



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6.2.3.	L1e-L7e	Vehicle is equipped to tow a trailer with no brake/overrun brake/electric/pneumatic/hydraulic service brakes : yes/no ⁽⁴⁾
6.2.4.	L1e-L7e	Anti-lock/Combined braking system
6.2.4.1.	L1e-L7e	Anti-lock braking system : yes/no/optional ⁽⁴⁾
6.2.4.2.	L1e-L7e	Combined braking system : yes/no/optional ⁽⁴⁾
6.2.4.3.	L1e-L7e	Anti-lock and combined braking system : yes/no/optional ⁽⁴⁾
6.2.4.4.	L1e-L7e	Schematic drawing(s) : Not applicable
6.2.5.	L1e-L7e	Hydraulic reservoir(s) (volume and location) : Refer to drawing No. CP-1-15, CP-1-17, CP-1-18
6.2.6.	L1e-L7e	Particular characteristics of the braking system(s)
6.2.6.1.	L1e-L7e	Brake shoes and/or pads ⁽⁴⁾ : Refer to drawing No. CP-1-19, CP-1-20
6.2.6.2.	L1e-L7e	Linings and/or pads (indicate make, type, grade of material or identification mark) : Refer to drawing No. CP-1-19, CP-1-20
6.2.6.3.	L1e-L7e	Brake levers and/or pedals ⁽⁴⁾ : Refer to drawing No. CP-1-21
6.2.6.4.	L1e-L7e	Other devices (where applicable): drawing and description : Not applicable
6.3.		Electrical safety
6.3.1.	L1e-L7e	Brief description of the power circuit components installation and drawings/photographs showing the location of the power circuit components installation : Refer to drawing No. CP-1-34
6.3.2.	L1e-L7e	Schematic diagram of all electrical functions included in power circuit : Refer to drawing No. CP-1-13
6.3.3.	L1e-L7e	Working voltage(s) (V) : Power working voltage:60V Other electrical components voltage: 12V DC
6.3.4.	L1e-L7e	Description of protection against electric-shocks : Using terminal box that made by high and low pressure polyethylene material, and nylon plug to protect against electric-shocks. Refer to drawing No. CP-1-36
6.3.5.	L1e-L7e	Fuse and/or circuit breaker : yes/no/optional ⁽⁴⁾ , circuit breaker
6.3.5.1.	L1e-L7e	Diagram showing the functional range : Refer to drawing No. CP-1-33
6.3.6.	L1e-L7e	Configuration of power wiring harness : Refer to drawing No. CP-1-13, CP-1-34
6.4.		Front and rear protective structures
	L1e-L7e	From 6.4.1. to 6.4.2.2. : Not applicable
6.5.		Glazing, windscreen wipers and washers, and defrosting and demisting systems



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Item No.	(Sub) categories	Detailed information																																																																																					
		From 6.5.1. to 6.5.4.1.	: Not applicable (L2e, L5e, L6e, L7e)																																																																																				
6.6.		Windscreen wiper(s)																																																																																					
6.6.1.		Detailed technical description (including photographs or drawings)	: Not applicable (L2e, L5e, L6e, L7e)																																																																																				
6.7.		Windscreen washer																																																																																					
		From 6.7.1. to 6.7.2.	: Not applicable (L2e, L5e, L6e, L7e)																																																																																				
6.8.		Defrosting and demisting																																																																																					
6.8.1.		Detailed technical description (including photographs or drawings)	: Not applicable (L2e, L5e, L6e, L7e)																																																																																				
6.9.		Driver-operated controls including identification of controls, tell-tales and indicators																																																																																					
6.9.1.	L1e-L7e	Arrangement and identification of controls, tell-tales and indicators	: Refer to drawing No. CP-1-22																																																																																				
6.9.2.	L1e-L7e	Photographs and/or drawings of the arrangement of symbols and controls, tell-tales and indicators	: Refer to drawing No. CP-1-22																																																																																				
6.9.3.	L1e-L7e	Controls, tell-tales and indicators for which, when fitted, identification is mandatory, including the identification symbols to be used for that purpose	: Refer to drawing No. CP-1-22																																																																																				
6.9.4.	L1e-L7e	Summary table: the vehicle is equipped with the following driver-operated controls, including indicators and tell-tales ⁽⁴⁾																																																																																					
		Controls, tell-tales and indicators for which, when fitted, identification is mandatory, and symbols to be used for that purpose																																																																																					
		<table border="1"> <thead> <tr> <th>Symbol No</th> <th>Device</th> <th>Control/indicator available (+)</th> <th>Identified by symbol (+)</th> <th>Where (++)</th> <th>Tell-tale available (+)</th> <th>Identified by symbol (+)</th> <th>Where (++)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Master light</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>Dipped-beam head lamps</td> <td>x</td> <td>x</td> <td>d</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>Main-beam head lamps</td> <td>x</td> <td>x</td> <td>d</td> <td>x</td> <td>x</td> <td>d</td> </tr> <tr> <td>4</td> <td>Position (side) lamps</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>5</td> <td>Front fog lamps</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>6</td> <td>Rear fog lamps</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>7</td> <td>Headlamp levelling device</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>8</td> <td>Parking lamps</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>9</td> <td>Direction indicators</td> <td>x</td> <td>x</td> <td>c</td> <td>x</td> <td>x</td> <td>d</td> </tr> </tbody> </table>	Symbol No	Device	Control/indicator available (+)	Identified by symbol (+)	Where (++)	Tell-tale available (+)	Identified by symbol (+)	Where (++)	1	Master light	-	-	-	-	-	-	2	Dipped-beam head lamps	x	x	d	-	-	-	3	Main-beam head lamps	x	x	d	x	x	d	4	Position (side) lamps	-	-	-	-	-	-	5	Front fog lamps	-	-	-	-	-	-	6	Rear fog lamps	-	-	-	-	-	-	7	Headlamp levelling device	-	-	-	-	-	-	8	Parking lamps	-	-	-	-	-	-	9	Direction indicators	x	x	c	x	x	d					
Symbol No	Device	Control/indicator available (+)	Identified by symbol (+)	Where (++)	Tell-tale available (+)	Identified by symbol (+)	Where (++)																																																																																
1	Master light	-	-	-	-	-	-																																																																																
2	Dipped-beam head lamps	x	x	d	-	-	-																																																																																
3	Main-beam head lamps	x	x	d	x	x	d																																																																																
4	Position (side) lamps	-	-	-	-	-	-																																																																																
5	Front fog lamps	-	-	-	-	-	-																																																																																
6	Rear fog lamps	-	-	-	-	-	-																																																																																
7	Headlamp levelling device	-	-	-	-	-	-																																																																																
8	Parking lamps	-	-	-	-	-	-																																																																																
9	Direction indicators	x	x	c	x	x	d																																																																																



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Item No.	(Sub) categories	Detailed information							
		10	Hazard warning	-	-	-	-	-	-
		11	Windscreen wiper	-	-	-	-	-	-
		12	Windscreen washer	-	-	-	-	-	-
		13	Windscreen wiper and washer	-	-	-	-	-	-
		14	Headlamp cleaning device	-	-	-	-	-	-
		15	Windscreen demisting and defrosting	-	-	-	-	-	-
		16	Rear window demisting and defrosting	-	-	-	-	-	-
		17	Ventilating fan	-	-	-	-	-	-
		18	Diesel pre-heat	-	-	-	-	-	-
		19	Choke	-	-	-	-	-	-
		20	Brake failure	-	-	-	-	-	-
		21	Fuel level	-	-	-	-	-	-
		22	Battery charging condition	x	x	d	-	-	-
		23	Engine coolant temperature	-	-	-	-	-	-
		24	Malfunction indicator light (MI)	-	-	-	-	-	-
		(+) x = Yes. - = No or not separately available. o = Optional. (++)d = Directly on control, indicator or tell-tale. c = In close vicinity.							
6.9.5.	L1e-L7e	Controls, tell-tales and indicators for which, when fitted, identification is optional, and symbols which shall be used if they are to be identified							
		Symbol No	Device	Control/indicator available (+)	Identified by symbol (+)	Where (++)	Tell-tale available (+)	Identified by symbol (+)	Where (++)
		1	Parking brake	-	-	-	-	-	-
		2	Rear window wiper	-	-	-	-	-	-
		3	Rear window washer	-	-	-	-	-	-
		4	Rear window wiper and washer	-	-	-	-	-	-
		5	Intermittent windscreen wiper	-	-	-	-	-	-

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Item No.	(Sub) categories	Detailed information							
		6	Audible warning device (horn)	x	x	d	-	-	-
		7	Front hood (bonnet)	-	-	-	-	-	-
		8	Rear hood (boot)	-	-	-	-	-	-
		9	Seat belt	-	-	-	-	-	-
		10	Engine oil pressure	-	-	-	-	-	-
		11	Unleaded petrol	-	-	-	-	-	-
		⁽⁺⁾ x = Yes. - = No or not separately available. o = Optional. ⁽⁺⁺⁾ d = Directly on control, indicator or tell-tale. c = In close vicinity.							
6.10.		Speedometer and odometer							
6.10.1.		<i>Speedometer</i>							
6.10.1.1.	L1e-L7e	Photographs and/or drawings of the complete system	: Manufacturer: Luqiao Jingxian Electronics Co., Ltd. Type: HL3.0 Refer to drawing No. CP-1-23						
6.10.1.2.	L1e-L7e	Vehicle speed range displayed	: 0~99 km/h, 0~99 mph						
6.10.1.3.	L1e-L7e	Tolerance of the measuring mechanism of the speedometer	: $0 \leq (V_1 - V_2) \leq 0.1 * V_2 + 4$ km/h V ₁ : display speed, V ₂ : actual speed						
6.10.1.4.	L1e-L7e	Technical constant of the speedometer	: 1 pluse/min = 0.262×10^{-3} km/h						
6.10.1.5.	L1e-L7e	Method of operation and description of the drive mechanism	: Directly connected to the controller, to drive speedometer through the signal from controller.						
6.10.1.6.	L1e-L7e	Overall transmission ratio of the drive mechanism	: 310 pluse / 1 wheel rotation						
6.10.2.		<i>Odometer</i>							
6.10.2.1.	L1e-L7e	Tolerance of the measuring mechanism of the odometer	: 0~+5 km						
6.10.2.2.	L1e-L7e	Method of operation and description of the drive mechanism	: See item 6.10.1.5.						
6.11.		Installation of lighting, light-signalling devices, including automatic switching of lighting							
6.11.1.	L1e-L7e	List of all devices (mentioning the number, make(s), type, component type-approval mark(s), the maximum intensity of the main-beam headlamps, colour, the corresponding tell-tale)	: See Table 6.11.1.						
6.11.2.	L1e-L7e	Diagram showing the location of the lighting and light-signalling devices	: Refer to drawing No. CP-1-24.1, CP-1-24.2, CP-1-24.3, CP-1-24.4						



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6.11.3.	L1e-L7e	Hazard warning lamps : Not applicable
6.11.4.	L1e-L7e	Brief description of the electrical and/or electronic components used in the lighting system and in the light-signalling system : Not applicable
6.11.5.	L1e-L7e	For every lamp and reflector, supply the following information (in writing and/or by diagram) : See component certificates
6.11.5.1.	L1e-L7e	Drawing showing the extent of the illuminating surface : See component certificates
6.11.5.2.	L1e-L7e	Method used to define the apparent surface in accordance with point 2.10 of UNECE Regulation No 48 (OJ L 323, 6.12.2011, p. 46) : See component certificates
6.11.5.3.	L1e-L7e	Axis of reference and centre of reference : See component certificates
6.11.5.4.	L1e-L7e	Method of operation of concealable lamps : Not applicable
6.11.6.	L1e-L7e	Description/drawing and type of headlamp levelling device (e.g. automatic, stepwise manually adjustable, continuously manually adjustable) ⁽⁴⁾ : Not applicable
6.11.6.1.	L1e-L7e	Control device : Not applicable
6.11.6.2.	L1e-L7e	Reference marks : Not applicable
6.11.6.3.	L1e-L7e	Marks assigned for loading conditions : Not applicable
6.12.		Rearward visibility
6.12.1.		<i>Rear-view mirrors (stating for each mirror)</i>
6.12.1.1.	L1e-L7e	Drawing(s) for the identification of the mirror showing the position of the mirror relative to the vehicle structure : Make: BeneFit Type: YH-055 Approval mark: L E4-000187 Optional Make: XIONGXIN Type: XX-005 Approval mark: L E11 002066 Refer to drawing No. CP-1-25
6.12.1.2.	L1e-L7e	Details of the method of attachment including that part of the vehicle structure to which it is attached : Refer to drawing No. CP-1-25
6.12.1.3.	L1e-L7e	A brief description of the electronic components of the adjustment system : Not applicable
6.12.2.	L1e-L7e	<i>Devices for indirect vision other than mirrors</i>
6.12.2.1.	L1e-L7e	Description of the device : Not applicable



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6.12.2.2.	L1e-L7e	In the case of a camera-monitor device, the detection distance (mm), contrast, luminance range, glare correction, display performance (black and white/colour ⁽⁴⁾), image repetition frequency, luminance reach of the monitor ⁽⁴⁾ : Not applicable
6.12.2.3.	L1e-L7e	Sufficiently detailed drawings to identify the complete device, including installation instructions; the position for the EU type-approval mark has to be indicated on the drawings : Not applicable
6.13.		Rollover protective structure (ROPS)
	L7e-B2	From 6.13.1. to 6.13.4.2. : Not applicable
6.14.		Safety belts and/or other restraints
		From 6.14.1. to 6.14.4. : Not applicable (L2e, L4e, L5e- B, L6e-B, L7e)
6.15.		Safety belt anchorages
		From 6.15.1. to 6.15.7. : Not applicable (L2e, L4e, L5e- B, L6e-B, L7e)
6.16.		Seating positions (saddles and seats)
6.16.1.	L1e-L7e	Number of seating positions : 2
6.16.1.1.		Location and arrangement ⁽⁸⁾ : Not applicable (L2e, L5e, L6e, L7e)
6.16.2.	L1e-L7e	Seating position configuration : seat/saddle ⁽⁴⁾
6.16.3.	L1e-L7e	Description and drawings of:
6.16.3.1.	L1e-L7e	The seats and their anchorages : Not applicable
6.16.3.2.	L1e-L7e	The adjustment system : Not applicable
6.16.3.3.	L1e-L7e	The displacement and locking systems : Not applicable
6.16.3.4.	L1e-L7e	The seat-belt anchorages incorporated in the seat structure : Not applicable
6.16.3.5.	L1e-L7e	The parts of the vehicle used as anchorages : Not applicable
6.16.4.	L2e, L4e, L5e-B, L6e-B, L7e	Coordinates or drawing of the R-point(s) of all seating positions:
6.16.4.1.		Driver's seat : Not applicable (L2e, L4e, L5e-B, L6e-B, L7e)
6.16.4.2.		All other seating positions : Not applicable (L2e, L4e, L5e-B, L6e-B, L7e)
6.16.5.	L1e-L7e	Design torso angle
6.16.5.1.	L1e-L7e	Driver's seat : Not applicable



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6.16.5.2.	L1e-L7e	All other seating positions : Not applicable
6.16.6.	L1e-L7e	Range of seat adjustment
6.16.6.1.	L1e-L7e	Driver's seat : Not applicable
6.16.6.2.	L1e-L7e	All other seating positions : Not applicable
6.17.		Steer-ability, cornering properties and turn-ability
6.17.1.	L1e-L7e	Schematic diagram of steered axle(s) showing steering geometry : Refer to drawing No. CP-1-27
6.17.2.		<i>Transmission and control of steering</i>
6.17.2.1.	L1e-L7e	Configuration of steering transmission (specify for front and rear) : Refer to drawing No. CP-1-27
6.17.2.2.	L1e-L7e	Linkage to wheels (including other than mechanical means; specify for front and rear) : Refer to drawing No. CP-1-27
6.17.2.2.1.	L1e-L7e	A brief description of the electrical/electronic components : Not applicable
6.17.2.3.	L1e-L7e	Diagram of the steering transmission : Not applicable
6.17.2.4.		Schematic diagram(s) of the steering control(s) : Not applicable (L2e, L5e, L6e, L7e)
6.17.2.5.		Range and method of adjustment of the steering control(s) : Not applicable (L2e, L5e, L6e, L7e)
6.17.2.6.		Method of assistance : Not applicable (L2e, L5e, L6e, L7e)
6.17.3.		<i>Maximum steering angle of the wheels</i>
6.17.3.1.	L1e-L7e	To the right : 42° Number of turns of the steering wheel (or equivalent data): Not applicable
6.17.3.2.	L1e-L7e	To the left : 42° Number of turns of the steering wheel (or equivalent data): Not applicable
6.18.		Tyres/wheels combination
6.18.1.		<i>Tyres</i>
6.18.1.1.		Size designation



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Item No.	(Sub) categories	Detailed information					
		Axle	Tyres	Rolling Circ.(mm)	Tire pressure (kPa)	Rim size	Categories of use compatible with the vehicle
		Front	225/55-8, 31N	1375	225	7.00x8	ordinary
			Optional 1: 205/60-8, 52B				
			Optional 2: 225/40-10, 57N	1425		7.00x10	normal
			Optional 3: 225/40-10, 58M				
		Rear	225/55-8, 31N	1375	250	7.00x8	ordinary
			Optional 1: 205/60-8, 52B				
			Optional 2: 225/40-10, 57N	1425		7.00x10	normal
			Optional 3: 225/40-10, 58M				
6.18.1.1.1.	L1e-L7e	Axle 1		: See above table 6.18.1.1.			
6.18.1.1.2.	L1e-L7e	Axle 2		: See above table 6.18.1.1.			
6.18.1.1.3.	L4e	Sidecar wheel		: Not applicable			
6.18.1.2.	L1e-L7e	Minimum load-capacity index with the maximum load on each tyre		: Front: 20 Rear: 40 or 31 (the speed category symbol must be equal or more than J)			
6.18.1.3.	L1e-L7e	Minimum-speed category symbol compatible with the theoretical maximum design vehicle speed		: B			
6.18.1.4.	L1e-L7e	Tyre pressure(s) as recommended by the vehicle manufacturer		: See above table 6.18.1.1.			
6.18.2.		<i>Wheels</i>					
6.18.2.1.	L1e-L7e	Rim size(s)		: See above table 6.18.1.1.			
6.18.2.2.	L1e-L7e	Categories of use compatible with the vehicle		: See above table 6.18.1.1.			
6.18.2.3.	L1e-L7e	Nominal rolling circumference		: See above table 6.18.1.1.			
6.19.		Vehicle maximum speed limitation plate and its location on the vehicle					
		From 6.19.1. to 6.19.6.		: Not applicable (L7e-B1 and L7e-B2)			
6.20.		Vehicle occupant protection, including interior fittings and vehicle doors					
		From 6.20.1. to 6.20.4.3.2.		: Not applicable			
6.21.		Maximum continuous total power and/or maximum vehicle speed limitation by design					
6.21.1.		Propulsion and/or drive-train output governors					
6.21.1.1.	L1e-L7e	Number (minimum two, exemption L3e-A3 and L4e-A3)		: 2			



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Item No.	(Sub) categories	Detailed information									
6.21.1.2.	L1e-L7e	How is the redundancy of governors ensured?	: 1. reduction of the maximum power output of one electric motor based on the rotation speed as sensed internally to the electric motor; 2. physical vehicle speed limitation by means of external components such as a maximum achievable revolution speed of an electric motor.								
6.21.1.3.	L1e-L7e	Nominal cut-off point no 1									
6.21.1.3.1.	L1e-L7e	Engine/motor/drive-train rotation speed at which cut-off starts under load	: <table border="1"> <tr> <td>CP-1/00/0</td> <td>540 min⁻¹</td> </tr> <tr> <td>CP-1/00/1</td> <td></td> </tr> <tr> <td>CP-1/01/0</td> <td>310 min⁻¹</td> </tr> <tr> <td>CP-1/01/1</td> <td></td> </tr> </table>	CP-1/00/0	540 min ⁻¹	CP-1/00/1		CP-1/01/0	310 min ⁻¹	CP-1/01/1	
CP-1/00/0	540 min ⁻¹										
CP-1/00/1											
CP-1/01/0	310 min ⁻¹										
CP-1/01/1											
6.21.1.3.2.	L1e-L7e	Maximum rotation speed at the minimum engine load	: <table border="1"> <tr> <td>CP-1/00/0</td> <td>550 min⁻¹</td> </tr> <tr> <td>CP-1/00/1</td> <td></td> </tr> <tr> <td>CP-1/01/0</td> <td>330 min⁻¹</td> </tr> <tr> <td>CP-1/01/1</td> <td></td> </tr> </table>	CP-1/00/0	550 min ⁻¹	CP-1/00/1		CP-1/01/0	330 min ⁻¹	CP-1/01/1	
CP-1/00/0	550 min ⁻¹										
CP-1/00/1											
CP-1/01/0	330 min ⁻¹										
CP-1/01/1											
6.21.1.4.	L1e-L7e	Nominal cut-off point no 2									
6.21.1.4.1.	L1e-L7e	Engine/motor/drive-train rotation speed at which cut-off starts under load ⁽⁴⁾	: Not applicable								
6.21.1.4.2.	L1e-L7e	Maximum rotation speed at the minimum engine load	: Not applicable								
6.21.1.5.	L1e-L7e	The stated purpose of governor(s)	: maximum design vehicle speed limitation/ maximum power limitation/engine over-speed protection ⁽⁴⁾								
7.		INFORMATION ON VEHICLE CONSTRUCTION									
7.1.		Coupling devices and attachments									
7.1.1.	L1e-L7e	L-category vehicle equipped with coupling device	: yes/no/optional ⁽⁴⁾								
	L1e-L7e	From 7.1.2. to 7.1.6.	: Not applicable								
7.2.		Devices to prevent unauthorised use									
7.2.1.		<i>Protective device</i>									
7.2.1.1.	L1e-L7e	Summary description of protective device(s) used	: Type 1, solely and positively on the steering alone. Refer to drawing No. CP-1-28.1, CP-1-28.2								
7.2.2.		<i>Vehicle immobiliser</i>									
7.2.2.1.	L1e-L7e	Technical description of the vehicle immobiliser and of the measures taken against inadvertent activation	: Not applicable								
7.2.3.		<i>Alarm system</i>									
7.2.3.1.	L1e-L7e	Description of the alarm system and of the vehicle parts involved in its installation	: Not applicable								



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Item No.	(Sub) categories	Detailed information
7.2.3.2.	L1e-L7e	List of the main components comprising the alarm system : Not applicable
7.3.		Electromagnetic compatibility (EMC)
7.3.1.	L1e-L7e	Requirements under UNECE Regulation No 10 (OJ L 254, 20.9.2012, p. 1) are met with relevant documentation included in the information document : yes ⁽⁴⁾
7.3.2.	L1e-L7e	Table or drawing of radio-interference control equipment : Refer to drawing No. CP-1-34
7.3.3.	L1e-L7e	Particulars of the nominal value of the direct-current resistance, and, in the case of resistive ignition cables, of their nominal resistance per metre : 1. 1.50 mm ² (max. resistance: 13.3 Ohm/km) 2. 1.00 mm ² (max. resistance: 19.5 Ohm/km) 3. 0.75 mm ² (max. resistance: 26.0 Ohm/km) 4. 0.50 mm ² (max. resistance: 39.0 Ohm/km) 5. 0.30 mm ² (max. resistance: 69.2 Ohm/km)
7.4.		External projections
7.4.1.	L1e-L7e vehicles with bodywork	General arrangement (drawing or photographs accompanied if necessary by dimensional details and/or text) indicating the position of the attached sections and views, of any parts of the exterior surface which can be regarded as critical for external projections, for example, and where relevant: bumpers, floor line, door and window pillars, air-intake grilles, radiator grille, windscreen wipers, rain gutter channels, handles, slide rails, flaps, door hinges and locks, hooks, eyes, winches, decorative trim, badges, emblems and recesses and any other parts of the exterior surface which can be regarded as critical (e.g. lighting equipment) : Not applicable
7.5.		Fuel storage
	L1e-L7e	From 7.5.1. to 7.5.3.1. : Not applicable
7.6.		On-board diagnostics (OBD) functional requirements
7.6.1.		<i>On-board diagnostics system</i>
7.6.1.1.	L1e-L7e	Stage I : yes ⁽⁴⁾ and/or
7.6.1.2.	L1e-L7e	Stage II : yes ⁽⁴⁾
	L3e-L7e ⁽¹⁰⁾	From 7.6.2. to 7.6.5.1. : Not applicable
7.7.		Passenger handholds and footrests
7.7.1.		<i>Handholds</i>
7.7.1.1.	L1e-L7e	Configuration : Strap and/or handle



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Item No.	(Sub) categories	Detailed information							
7.7.1.2.	L1e-L7e	Photographs and/or drawings showing the location and the construction	<table border="1"> <tr> <td>CP-1/00/0</td> <td rowspan="2">Refer to drawing No. CP-1-29, CP-1-29.1, CP-1-29.2, CP-1-29.3</td> </tr> <tr> <td>CP-1/01/0</td> </tr> <tr> <td>CP-1/00/1</td> <td rowspan="2">Refer to drawing No. CP-1-29.4</td> </tr> <tr> <td>CP-1/01/1</td> </tr> </table>	CP-1/00/0	Refer to drawing No. CP-1-29, CP-1-29.1, CP-1-29.2, CP-1-29.3	CP-1/01/0	CP-1/00/1	Refer to drawing No. CP-1-29.4	CP-1/01/1
CP-1/00/0	Refer to drawing No. CP-1-29, CP-1-29.1, CP-1-29.2, CP-1-29.3								
CP-1/01/0									
CP-1/00/1	Refer to drawing No. CP-1-29.4								
CP-1/01/1									
7.7.2.		<i>Footrests</i>							
7.7.2.1.	L1e-L7e	Photographs and/or drawings showing the location and the construction	: Refer to drawing No. CP-1-30						
7.8.		Registration plate space							
7.8.1.	L1e-L7e	Location of rear registration plate (indicate variants where necessary; drawings may be used as appropriate)	: Refer to drawing No. CP-1-31						
7.8.1.1.	L1e-L7e	Height above road surface, upper edge	: Refer to drawing No. CP-1-31						
7.8.1.2.	L1e-L7e	Height above road surface, lower edge	: Refer to drawing No. CP-1-31						
7.8.1.3.	L1e-L7e	Distance of the centre line from the longitudinal median plane of the vehicle	: 0 mm						
7.8.1.4.	L1e-L7e	Dimensions (length x width)	: 145 mm x 125 mm						
7.8.1.5.	L1e-L7e	Inclination of the plane to the vertical	: 20 degree						
7.8.1.6.	L1e-L7e	Angle of visibility in the horizontal plane	: 30 degree and above						
7.9.		Stands							
7.9.1.	L1e, L3e	Configuration	: Central and/or side ⁽⁴⁾						
7.9.2.	L1e, L3e	Construction material used	: Metal						
7.9.3.	L1e, L3e	Photographs and drawings showing the location of the stand(s) in relation to the structure of the vehicle	: Refer to drawing No. CP-1-32						
7.9.4.	L1e, L3e	Description of the method to prevent contact of the stand with the ground when the vehicle is being propelled	: Refer to drawing No. CP-1-32						




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Table 6.11.1.


Name	Make	Type	Quantity /Color	Tell tale	Approval mark	Max. intensity	
Headlamp driving beam	SHIJIN	SJ-XJTCHL	1/white	Blue	C/R-BS PL E4-0010931	22500cd	
Headlamp passing beam			1/white	/		/	
Front position lamp	SHIJIN	SJ-XJTFF	1/white	Via panel	E4-50R-0010931	/	
Front direction indicator	SHIJIN	SJ-XJTTF	2/amber	Green	11 12 E4-50R-000695	/	
Rear direction indicator			2/amber	Green	11 12 E4-50R-000695	/	
Stop lamp	SHIJIN	SJ-W01	1/red	/	E4 50R-0011172	/	
Rear position lamp			1/red	Via panel		/	
Rear registration plate lamp			1/white	Via panel		/	
Side reflectors	SHIJIN	SJ-F01	2/amber	/	IA E4 023256	/	
Rear reflector		SJ-F02	1/red	/	IA E4 023257	/	
Optional							
Front direction indicator	SHIJIN	SJ-LED-Z10-00	2/amber	Green	11 12 E4-50R-002854	/	
Rear direction indicator			2/amber	Green	11 12 E4-50R-002854	/	
Stop lamp	SHIJIN	SJ-XJTCTL	1/red	/	E4-50R-0010933	/	
Rear position lamp			1/red	Via panel		/	
Rear registration plate lamp			1/white	Via panel		/	
Optional							
Headlamp driving beam	SHIJIN	SG01-NZ	1/white	Blue	WCR-DS PL E4 10 02 27489	22500cd	
Headlamp passing beam			1/white	/		/	
Front position lamp			1/white	Via panel	E4-50R-0027489	/	
Stop lamp	SHIJIN	SJ-LED-W01	1/red	/	E4 50R-0026277	/	
Rear position lamp			1/red	Via panel		/	
Rear registration plate lamp			1/white	Via panel		/	
Headlamp driving beam		CG/M-DD-GN	1/white	Blue	C/R-BS E4 7.5 0329115	22500cd	
Headlamp passing beam			1/white	/		/	
Front position lamp			1/white	Via panel	E4 50R-0129115	/	
Front direction indicator		CG/D-ZX-HL	2/amber	Green	11 12 E4 50R-013107	/	
Rear direction indicator			2/amber	Green	11 12 E4 50R-013107	/	
Stop lamp		CG/D-W-HL	1/red	/	E4 50R-01 3108	/	
Rear position lamp			1/red	Via panel		/	
Rear registration plate lamp			1/white	Via panel		/	
Headlamp driving beam		SHIJIN	SG03-5C	1/white	Blue	WCR-DS PL E4 10 03 29134	22500cd
Headlamp passing beam				1/white	/		/
Front position lamp				1/white	Via panel	A RL 03 01 E4 29134	/
Optional							



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Headlamp driving beam	HS	HS-TF1	1/white	Blue	CR-BS PL	22500cd
Headlamp passing beam			1/white	/	E57 7.5 020031	/
Front position lamp			1/white	Via panel	E57 50R-000031	/
Optional						
Front direction indicator		CG/ M-ZX-GS-RY	2/amber	Green	11 12	/
Rear direction indicator			2/amber	Green	E4 50R-001691	/
Side reflectors	K-LITE	KM101	2/amber	/	IA E4 02 3298	/
Rear reflector		KM202	1/red	/	IA E4 02 3712	/



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List of drawings:

Drawing no.	Drawing subject
CP-1-01	Locations and detail of manufacturer's statutory plate
CP-1-02	Locations and detail of the vehicle identification number
CP-1-03.1	Dimension of vehicle (1)
CP-1-03.2	Dimension of vehicle (2)
CP-1-03.3	Dimension of vehicle (3)
CP-1-03.4	Dimension of vehicle (4)
CP-1-03.5	Dimension of vehicle (5)
CP-1-04	Chassis
CP-1-05	Position and arrangement of electric motor
CP-1-06	Position and arrangement of controller
CP-1-07	Control system of pure propulsion
CP-1-08	Installation of battery
CP-1-09	Charger
CP-1-10.1	Front suspension (1)
CP-1-10.2	Front suspension (2)
CP-1-11	Rear suspension
CP-1-11.1	Rear suspension (1)
CP-1-12.1	Location of audible warning device (1)
CP-1-12.2	Location of audible warning device (2)
CP-1-13	Electrical circuit diagram
CP-1-14	Braking system
CP-1-15	Hydraulic reservoir
CP-1-16	Brake hose
CP-1-17	Front brake system
CP-1-18	Rear brake system
CP-1-19	Front brake pads
CP-1-20	Rear brake pads
CP-1-21	Brake levers
CP-1-22	Control I.D., tell-tales and indicators
CP-1-23	Complete speedometer system
CP-1-24.1	Showing the location of lighting and light-signalling devices (1)
CP-1-24.2	Showing the location of lighting and light-signalling devices (2)
CP-1-24.3	Showing the location of lighting and light-signalling devices (3)
CP-1-24.4	Showing the location of lighting and light-signalling devices (4)
CP-1-25	Location and installation of rear-view mirror
CP-1-26	The seats and R-point
CP-1-26.1	The seats and R-point (1)
CP-1-26.2	The seats and R-point (2)
CP-1-27	Steering geometry
CP-1-28.1	Steering lock system (1)
CP-1-28.2	Steering lock system (2)
CP-1-29	Construction and location of passenger hand-hold
CP-1-29.1	Construction and location of passenger hand-hold (1)
CP-1-29.2	Construction and location of passenger hand-hold (2)
CP-1-29.3	Construction and location of passenger hand-hold (3)
CP-1-29.4	Construction and location of passenger hand-hold (4)
CP-1-30	Construction and location of footrest
CP-1-31	Mounting space for rear registration plate
CP-1-32	Location of stand
CP-1-33	Circuit breaker
CP-1-34	Location of power circuit components
CP-1-35	Location and detail of charging interface
CP-1-36	Locations of high voltage label



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Information on the type-approval procedure chosen in accordance with Article 25(1) of Regulation (EU) No 168/2013 Information folder sheet

A duly completed version of this statement shall be included in the information folder.

The undersigned: <Mr. Wu Qiang / Manager >

Company name and address of the manufacturer:

HK SHANSU TECHNOLOGY LIMITED
Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road, Wanchai, Hong Kong, China

Name and address of the manufacturer's representative (if any):

SEVIMOTOR PIT BIKES SPAIN, S.L.
URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN

Hereby applies for type-approval procedure:

- (a) ~~step-by-step type-approval~~
- (b) single-step type-approval
- (c) ~~mixed type-approval~~

Where procedures (a) or (c) are chosen, compliance with requirements as under (b) is declared for all systems, components and separate technical units.

Multi-stage type-approval chosen in accordance with Article 25(5) of Regulation (EU) No 168/2013: *yes/no*

Information on the vehicle(s) to be filled in, if application is for EU whole-vehicle type-approval:

- 0.1. Make (trade name of the manufacturer): Shansu, Rooder, MALCOR, EGREEN, Strollwheel, E-CRUIZER, Anwa, YUHANZHEN, RUNSCOOTERS, I-RUNFLY, PUGGI, fatbee, ORIDINGWAY, HOLYSO, Hecht MOTORS, Easycool, Jenquip, NEW EXAMPLE, XIN BANGYANG, CITYCOCO, MALCOR IBERICA, MTR BIKES, RETELLI, eMobility, **MINGTO, JRH**
- 0.2. Type: CP-1
- 0.2.1. Variant(s): 00, 01
- 0.2.2. Version(s): 0, 1
- 0.2.3. Commercial name(s) (if available): EGREEN, electric scooter, HECHT COCIS, HECHT COCIS ZERO
- 0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

Information to be filled in, if application is for type-approval of a system/ component/ separate technical unit:

- 0.7. Make(s) (trade name(s) of manufacturer): N.A.
- 0.8. Type: N.A.
- 0.8.1. Commercial name(s) (if available): N.A.
- 1.6. Virtual and/or self-testing: N.A.
- 1.6.1. Overview list with virtual and/or self-tested systems, components or separate technical units pursuant to point 6 of Annex III to Commission Delegated Regulation (EU) No 44/2014 below:



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Overview table virtual and/or self-testing


Delegated act	Annex	Subject	Virtual and/or self-tested: yes/no
Commission Delegated Regulation (EU) No 134/2014 (*)	X	Testing procedures on maximum design vehicle speed	Self-testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	II	Audible warning devices	Self-testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	VIII	Driver-operated controls including identification of controls, tell-tales and indicators	Self-testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	IX	Installation of lighting and light-signalling devices	Virtual testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	X	Rearward visibility	Virtual testing: yes/no
Commission Delegated Regulation (EU) No 3/2014	XV	Installation of tyres	Virtual testing: yes/no
Commission Delegated Regulation (EU) No 44/2014	XIV	Registration plate space	Self & Virtual testing: yes/no
Commission Delegated Regulation (EU) No 44/2014	XVI	Stands	Self-testing: yes/no
This Commission Implementing Regulation	V	Statutory plate and EU type-approval mark	Self-testing: yes/no

(*) Commission Delegated Regulation (EU) No 134/2014 of 16 December 2013 supplementing Regulation (EU) No 168/2013 of the European Parliament and of the Council with regard to environmental and propulsion unit performance requirements and amending Annex V thereof (OJ L 53, 21.2.2014, p. 1).

1.6.2. Detailed report on validation of virtual and/or self-testing added: yes/no

Place : Hong Kong, China

Date : Nov. 29, 2022

Signature : 



Name and position in the company : Mr. Wu Qiang / Manager



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Manufacturer's statement on endurance testing (Annex V to Commission Delegated Regulation (EU) No 3/2014)

(A duly completed version of this statement shall be included in the information folder)

The undersigned: <Mr. Wu Qiang / Manager >

Company name and address of the manufacturer:

HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road, Wanchai, Hong Kong, China

Name and address of the manufacturer's representative (if any):

SEVIMOTOR PIT BIKES SPAIN, S.L.

URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN

Hereby states that the vehicles:

- 0.1. Make (trade name of the manufacturer): Shansu, Rooder, MALCOR, EGREEN, Strollwheel, E-CRUIZER, Anwa, YUHANZHEN, RUNSCOOTERS, I-RUNFLY, PUGGI, fatbee, ORIDINGWAY, HOLYSO, Hecht MOTORS, Easycool, Jenquip, NEW EXAMPLE, XIN BANGYANG, CITYCOCO, MALCOR IBERICA, MTR BIKES, RETELLI, eMobility, **MINGTO, JRH**
- 0.2. Type: CP-1
 - 0.2.1. Variant(s): 00, 01
 - 0.2.2. Version(s): 0, 1
 - 0.2.3. Commercial name(s) (if available): EGREEN, electric scooter, HECHT COCIS, HECHT COCIS ZERO
- 0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

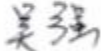
for which type-approval is sought shall withstand normal use as intended for at least 16500 km travelled within five years of first registration, taking into account regular and scheduled maintenance and specific equipment adjustments, as described clearly and unambiguously in the instructions manual delivered with the vehicles.

The undersigned furthermore confirms that the endurance of the systems, parts and equipment critical for functional safety is ensured through appropriate testing and the use of good engineering practice.

This declaration has no bearing on any vehicle warranty.

Place : Hong Kong, China

Date : Nov. 29, 2022

Signature : 



Name and position in the company :Mr. Wu Qiang / Manager



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Manufacturer's statement on structure integrity (Annex XIX to Commission Delegated Regulation (EU) No 3/2014)

(A duly completed version of this statement shall be included in the information folder)

The undersigned: <Mr. Wu Qiang / Manager >

Company name and address of the manufacturer:

HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road, Wanchai, Hong Kong, China

Name and address of the manufacturer's representative (if any):

SEVIMOTOR PIT BIKES SPAIN, S.L.

URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN

Hereby states that the vehicles:

- 0.1. Make (trade name of the manufacturer): Shansu, Rooder, MALCOR, EGREEN, Strollwheel, E-CRUIZER, Anwa, YUHANZHEN, RUNSCOOTERS, I-RUNFLY, PUGGI, fatbee, ORIDINGWAY, HOLYSO, Hecht MOTORS, Easycool, Jenquip, NEW EXAMPLE, XIN BANGYANG, CITYCOCO, MALCOR IBERICA, MTR BIKES, RETELLI, eMobility, **MINGTO, JRH**
- 0.2. Type: CP-1
 - 0.2.1. Variant(s): 00, 01
 - 0.2.2. Version(s): 0, 1
 - 0.2.3. Commercial name(s) (if available): EGREEN, electric scooter, HECHT COCIS, HECHT COCIS ZERO
- 0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

shall be constructed in a proper manner and are designed to be sufficiently robust to withstand the intended use over the vehicle's lifetime, taking into account regular and scheduled maintenance and specific equipment adjustments, as described clearly and unambiguously in the instructions manual delivered with the vehicles.

The undersigned furthermore agrees to and guarantees that specific analyses of vehicle structures, components and/or parts using engineering calculations, virtual testing methods and/or structural testing shall be made available in a timely manner to the approval authority and the European Commission upon request in case of a recall due to a serious safety risk.

This declaration applies to all vehicles covered by the type-approval to which this statement is annexed and has no bearing on any vehicle warranty.

Place : Hong Kong, China

Date : Nov. 29, 2022

Signature :

吴强



Name and position in the company :Mr. Wu Qiang / Manager



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Manufacturer's certificate on access to ~~vehicle OBD (stage I)~~ and vehicle repair and maintenance information

(A duly completed version of this certificate shall be included in the information folder.)

Reference number: 168/2013-CP-1-09

The undersigned: <Mr. Wu Qiang / Manager >

Company name and address of the manufacturer:

HK SHANSU TECHNOLOGY LIMITED
Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road, Wanchai, Hong Kong, China

Name and address of the manufacturer's representative (if any):

SEVIMOTOR PIT BIKES SPAIN, S.L.
URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN

Hereby certifies that:

it provides access to ~~vehicle OBD~~ and vehicle repair and maintenance information in compliance with

- Chapter XV of Regulation (EU) No 168/2013

with respect to the types of vehicle, engine and pollution-control device listed in **Addendum 1** to this certificate.

The following derogation is applied: ~~early-over systems~~ ⁽¹⁾.

The principal website addresses, through which the relevant information may be accessed and which are hereby certified to be in compliance with the above provisions, are listed in **Addendum 2** to this certificate along with the contact details of the manufacturer's representative listed in **Addendum 3** to this certificate, whose signature is below.

Where applicable: The manufacturer hereby also certifies that it has complied with the obligation in Article 57(8) of Regulation (EU) No 168/2013 to provide the relevant information for previous approvals of these vehicle types no later than six months after the date of type-approval.

Place : Hong Kong, China

Date : Nov. 29, 2022

Signature :



Name and position in the company :Mr. Wu Qiang / Manager

Addenda:

- 1: List of the types of vehicle, engine and pollution-control device
- 2: Web sites addresses
- 3: Contact details



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Addendum 1

to

Manufacturer's certificate with reference number 168/2013-CP-1-09 on access to vehicle OBD (stage I) and vehicle repair and maintenance information

List of the types of vehicle:

- 0.2. Type: CP-1
- 0.2.1. Variant(s): 00, 01
- 0.2.2. Version(s): 0, 1
- 0.2.3. Commercial name(s) (if available): EGREEN, electric scooter, HECHT COCIS, HECHT COCIS ZERO
- 0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B
- 1. Type-approval number including extension number (if available): N.A.
- 1.1. Type-approval issued on (date, if available): N.A.

List of the types of engines:

- 3. ~~Combustion engine~~ / electric motor/hybrid application⁽¹⁾ code: SS60V1500W50C
- 3.1. Type-approval number (if available): N.A.
- 3.2. Type-approval issued on (date, if available): N.A.

List of the types of pollution-control devices:

- 0.7. Make(s) (trade name(s) of manufacturer): N.A.
- 0.8. Type: N.A.
- 0.8.1. Commercial name(s) (if available): N.A.
- 0.8.2. Type-approval number including extension number (if available): N.A.
- 0.8.3. Type-approval issued on (date, if available): N.A.



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Addendum 2

TO

Manufacturer's certificate with reference number 168/2013-CP-1-09 on access to vehicle OBD (stage I) and vehicle repair and maintenance information

Web site addresses referred to in this certificate:

<http://www.zjshansu.com/>

Addendum 3

TO

Manufacturer's certificate with reference number 168/2013-CP-1-09 on access to vehicle OBD (stage I) and vehicle repair and maintenance information

Contact details of the manufacturer's representative referred to in this certificate:

Name: SEVIMOTOR PIT BIKES SPAIN, S.L.

Address: URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN

Name and position in the company: MANUEL JESUS GAVIRA CARRENO

TEL: +34657955461

E-mail: info@sevimotor.com



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Manufacturer's declaration on powertrain tampering prevention measures (anti-tampering)

1. Vehicle manufacturer's declaration on powertrain tampering prevention measures (anti-tampering):

- not to market interchangeable components which could enable propulsion unit performance to exceed levels applicable to the relevant (sub) category;
- manufacturer-facilitated modifications shall not increase the propulsion unit performance of the vehicle;
- modifications and interchangeability of parts and components

Manufacturer's declaration not to market interchangeable components which could enable propulsion unit performance to exceed levels applicable to the relevant (sub) category

A duly-completed version of this statement shall be included in the information folder.

0.4. Company name and address of manufacturer:

HK SHANSU TECHNOLOGY LIMITED
Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road, Wanchai, Hong Kong, China

0.4.2. Name and address of the manufacturer's representative (if any):

SEVIMOTOR PIT BIKES SPAIN, S.L.
URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN

Hereby declares that:

For the L1e category vehicle:

- 0.1. Make (trade name of the manufacturer): Shansu, Rooder, MALCOR, EGREEN, Strollwheel, E-CRUIZER, Anwa, YUHANZHEN, RUNSCOOTERS, I-RUNFLY, PUGGI, fatbee, ORIDINGWAY, HOLYSO, Hecht MOTORS, Easycool, Jenquip, NEW EXAMPLE, XIN BANGYANG, CITYCOCO, MALCOR IBERICA, MTR BIKES, RETELLI, eMobility, **MINGTO, JRH**
- 0.2. Type: CP-1
 - 0.2.1. Variant(s): 00, 01
 - 0.2.2. Version(s): 0, 1
 - 0.2.3. Commercial name(s) (if available): EGREEN, electric scooter, HECHT COCIS, HECHT COCIS ZERO
- 0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

Will not market interchangeable components which could enable propulsion unit performance to exceed levels applicable to the relevant (sub) category;

and that

The manufacturer-facilitated modifications of the following characteristics:

- (a) ~~spark delivery of the ignition system if applicable;~~
- (b) ~~fuel feed and delivery system;~~
- (c) ~~air-intake system including air filter(s) (modification or removal);~~
- (d) propulsion battery configuration or electric power to the electric motor(s) if applicable;
- (e) drive-train;
- (f) and the control unit(s) that control(s) the propulsion unit performance of the powertrain.

shall comply with the requirements set out in point 2.6. of Annex II to Commission Delegated Regulation (EU) No 44/2014



HK SHANSU TECHNOLOGY LIMITED

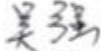
Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

ADDITIONAL STATEMENT REGARDING POINT 2.8.3. OF ANNEX II TO COMMISSION DELEGATED REGULATION (EU) No 44/2014

Any reprogrammable computer codes or operating parameter afford a level of protection at least as high as the provisions in ISO 15031-7:2001, provided that the security exchange is conducted using the communication protocols and standardized diagnostic connector prescribed in Appendix 1 to Annex XII.

Place : Hong Kong, China

Date : Nov. 29, 2022

Signature : 



Name and position in the company : Mr. Wu Qiang / Manager



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Manufacturer's statement on none "defeat device"

The undersigned: <Mr. Wu Qiang / Manager >

Company name and address of the manufacturer:

HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road, Wanchai, Hong Kong, China

Name and address of the manufacturer's representative (if any):

SEVIMOTOR PIT BIKES SPAIN, S.L.

URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN

Hereby states that the vehicles:

- 0.1. Make (trade name of the manufacturer): Shansu, Rooder, MALCOR, EGREEN, Strollwheel, E-CRUIZER, Anwa, YUHANZHEN, RUNSCOOTERS, I-RUNFLY, PUGGI, fatbee, ORIDINGWAY, HOLYSO, Hecht MOTORS, Easycool, Jenquip, NEW EXAMPLE, XIN BANGYANG, CITYCOCO, MALCOR IBERICA, MTR BIKES, RETELLI, eMobility, **MINGTO, JRH**
- 0.2. Type: CP-1
 - 0.2.1. Variant(s): 00, 01
 - 0.2.2. Version(s): 0, 1
 - 0.2.3. Commercial name(s) (if available): EGREEN, electric scooter, HECHT COCIS, HECHT COCIS ZERO
- 0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

are not using any software or device that can be considered as "defeat device" which may impact the emission performance of the vehicles.

Place : Hong Kong, China

Date : Nov. 29, 2022

Signature :



Name and position in the company :Mr. Wu Qiang / Manager



HK SHANSU TECHNOLOGY LIMITED

Flat B 4/F Kingswell, Commercial Tower 171-173,
Lockhart Road, Wanchai, Hong Kong, China

Statement Concerning Authority of Signature on COC Paper

We, **HK SHANSU TECHNOLOGY LIMITED**, declare that the undersigned, **Mr. Wu Qiang**, the **Manager** of our company, will be the authorized person to sign the COC paper of the vehicle.

Type: CP-1

Specification of signature of COC:

Signed:

吳強



HK SHANSU TECHNOLOGY LIMITED

Date: Nov. 29, 2022

COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned, Mr. Wu Qiang / Manager
Hereby certifies that the following complete vehicle:

- 0.1. Make (trade name of the manufacturer): Shansu other see information document item 0.1.
- 0.2. Type: CP-1 (CV * Type): N.A.
- 0.2.1. Variant: 00 (CV * Variant): N.A.
- 0.2.2. Version: 0 (CV * Version): N.A.
- 0.2.3. Commercial name (if available): EGREEN other see information document item 0.2.3.
(CV * Commercial name (if available)): N.A.
- 0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B
(CV * Category, subcategory and sub-subcategory of vehicle): N.A.
- 0.4. Company name and address of manufacturer:
HK SHANSU TECHNOLOGY LIMITED
Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road, Wanchai, Hong Kong, China
- 0.4.2. Name and address of manufacturer's authorised representative (if any):
SEVIMOTOR PIT BIKES SPAIN, S.L.
URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN
- 0.5.1. Location of the manufacturer's statutory plate(s): L, x 1190, y 50, z 490
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): Riveted
- 0.6. Location of the vehicle identification number: R, x 330, y 90, z 450
- 0. Vehicle identification number: ☆R36CP1000?A?????☆

Conforms in all respects to the type described in EU type-approval e9*168/2013*11263*09 (type-approval number including extension number) (CV* type-approval number including extension number) issued on XX, XX, XXXX (date of issue) (CV* date of issue) and

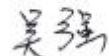
can be permanently registered in Member States having right/left-hand traffic and using metric/imperial units for the speedometer.

Hong Kong, China

XX, XX, XXXX

Place

Date



(signature)

General construction characteristics

- 1.3. Number of axles: 2 and wheels: 2
- 1.3.1. Axles with twinned wheels : N.A
- 1.3.2. Powered axles: R
- 6.2.4. Advanced braking system: ABS/~~CBS~~/~~Both ABS and CBS~~/None: None

Main dimensions

- 2.2.1. Length: 1870 mm
- 2.2.2. Width: 760 mm
- 2.2.3. Height: 1120 mm
- 2.2.4. Wheelbase: 1430 mm
- 2.2.4.1. Wheelbase sidecar: N.A.
- 2.2.5. Track width: N.A.
- 2.2.5.1. Track width front: N.A.
- 2.2.5.2. Track width rear: N.A.
- 2.2.5.3. Track width sidecar: N.A.
- 2.2.10.6. Ground clearance between the axles: N.A.
- 2.2.15. Wheelbase to ground clearance ratio: N.A.
- 2.2.17. Seat height: N.A.

Masses

- 2.1.1. Mass in running order: 62 kg
- 2.1.2. Actual mass: 144 kg
- 2.1.3. Technically permissible maximum laden mass: 219 kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 79 kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 140 kg
- 2.1.3.3. Technically permissible maximum mass on sidecar axle: N.A.
- 2.1.7. Technically permissible maximum towable mass: N.A.
- Braked: N.A. Unbraked: N.A.
- 2.1.7.1. Technically permissible maximum laden mass of the combination: N.A.
- 2.1.7.2. Technically permissible maximum mass at the coupling point: N.A.

Powertrain

- 3.1.1.1. Manufacturer: N.A.
- 3.1.1.2. Engine code (as marked on the engine or other means of identification): N.A.
- 3.2.1.2. Working principle of the combustion engine: ~~internal combustion engine (ICE)/positive ignition/compression ignition/external combustion engine (ECE)/turbine/compressed air~~
- 3.2.1.4.1. Number of cylinders: N.A.
- 3.2.1.4.2. Arrangement of cylinders: ~~L/V/O/S~~
- 3.2.1.5. Engine capacity: N.A.
- 1.9. Maximum net power: N.A. (CV*: N.A.)
- 1.10. Ratio maximum net power/mass of the vehicle in running order: N.A. (CV*: N.A.)
- 3.2.3.1. Fuel type: N.A.
- 3.2.3.2. Vehicle fuel combination: ~~mono-fuel/bi-fuel/flex-fuel~~
- 3.2.3.2.1. Maximum amount of bio-fuel acceptable in fuel: N.A.

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iDiADA

- 3.1.2.1. Manufacturer: Yongkang Yanhuang Industry and Trade Co., Ltd.
 3.1.2.2. Electric motor code (as marked on the engine or other means of identification):
 SS60V1500W50C / ?????
 3.3.3.4. ±5/30 minutes power: 1.5 kW
 3.1.3.1. Manufacturer: N.A.
 3.1.3.2. Application code (as marked on the engine or other means of identification): N.A.
 3.3.1. Electric vehicle configuration: pure electric/hybrid electric/manpower electric
 3.3.5.2. Category of hybrid electric vehicle: off-vehicle charging/not off-vehicle charging
 3.9.2. Maximum assistance factor: N.A.

Maximum speed

- 1.8. Maximum speed of vehicle: 45 km/h (CV*: N.A.)
 3.9.3. Maximum vehicle speed for which the electric motor gives assistance: N.A.

Drive-train and control

- 3.5.3.9. Transmission (type): W
 3.5.4. Gear ratios: N.A.
 3.5.4.1. Final drive ratio: N.A.
 3.5.4.2. Overall gear ratio in highest gear: N.A.

Installation of tyres

- 6.18.1.1. Tyre size designation:
 Axle 1: 225/55-8, 31N Axle 2: 225/55-8, 31N
 Minimum Load capacity index:
 Axle 1: 20 Axle 2: 40
 or 31 the speed category symbol must be equal or more than J
 Minimum speed category symbol:
 Axle 1: B Axle 2: B
 Recommended pressure:
 Axle 1: 225 kPa Axle 2: 250 kPa
 Rim size:
 Axle 1: 7.00 x 8 Axle 2: 7.00 x 8
 Sidecar wheel: N.A.

Bodywork

- 6.20.2.1. Door configuration and number of doors: N.A.
 6.16.1. Number of seating positions: 2
 6.16.1.1. Location and arrangement: N.A.

Coupling devices

- 7.2.8. Type-approval number of coupling-device : N.A.

Environmental performance

- 4.0.1. Environmental step: Euro 5 (3/4/5/5+)⁽¹⁾
 4.0.6. Sound level measured according to: N.A.
 4.0.6.1. Stationary: N.A. (CV*: N.A.)
 4.0.6.2. Drive-by: N.A. (CV*: N.A.)
 4.0.6.3. Limit value for L_{urban}: N.A. (CV*: N.A.)
 3.2.15. Exhaust emissions measured according to N.A.
 3.2.15.1. Type I test: tailpipe emissions after cold start, including the deterioration factor, if applicable:
 CO: N.A. (CV*: N.A.)
 THC: N.A. (CV*: N.A.)
 NMHC: N.A. (CV*: N.A.)
 NOx: N.A. (CV*: N.A.)
 HC+NOx: N.A. (CV*: N.A.)
 PM: N.A. (CV*: N.A.)
 3.2.15.2. Type II test: tailpipe emissions at (increased) idle and free acceleration:
 HC: N.A. ppm at normal idling speed and: N.A. ppm at high idle speed (CV*: N.A.)
 CO: N.A. %vol at normal idling speed and: N.A. %vol at high idle speed (CV*: N.A.)
 3.2.15.3. Smoke corrected absorption coefficient: N.A. (CV*: N.A.)

Energy efficiency

- 4.0.2. Fuel consumption: N.A. (CV*: N.A.)
 4.0.3. CO₂ emissions: N.A. (CV*: N.A.)
 4.0.4. Energy consumption: 35 Wh/km (CV*: N.A.)
 4.0.5. Electric range: 57 km (CV*: N.A.)

Conversion of the performance of the vehicle:

- 8.1. Vehicle appropriate for converting its performance level between subcategories (L3e/L4e)-A and (L3e/L4e)-A3 and vice versa: yes/no

Additional information:

- 9.1. Remarks: N.A.
 9.2. Exemptions: N.A.

COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned, Mr. Wu Qiang / Manager
Hereby certifies that the following complete vehicle:

- 0.1. Make (trade name of the manufacturer): Shansu other see information document item 0.1.
- 0.2. Type: CP-1 (CV * Type): N.A.
- 0.2.1. Variant: 01 (CV * Variant): N.A.
- 0.2.2. Version: 1 (CV * Version): N.A.
- 0.2.3. Commercial name (if available): EGREEN other see information document item 0.2.3.
(CV * Commercial name (if available)): N.A.
- 0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B
(CV * Category, subcategory and sub-subcategory of vehicle): N.A.
- 0.4. Company name and address of manufacturer:
HK SHANSU TECHNOLOGY LIMITED
Flat B 4/F Kingswell, Commercial Tower 171-173, Lockhart Road, Wanchai, Hong Kong, China
- 0.4.2. Name and address of manufacturer's authorised representative (if any):
SEVIMOTOR PIT BIKES SPAIN, S.L.
URB NTRA.SRA. DE LA SALUD, NUM. 68 41510 MAIRENA DEL ALCOR-(SEVILLA), SPAIN
- 0.5.1. Location of the manufacturer's statutory plate(s): L, x 1190, y 50, z 490
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): Riveted
- 0.6. Location of the vehicle identification number: R, x 330, y 90, z 450
- 0. Vehicle identification number: ☆R36CP1011?A?????☆

Conforms in all respects to the type described in EU type-approval e9*168/2013*11263*09 (type-approval number including extension number) (CV* type-approval number including extension number) issued on XX, XX, XXXX (date of issue) (CV* date of issue) and

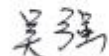
can be permanently registered in Member States having right/left-hand traffic and using metric/imperial units for the speedometer.

Hong Kong, China

XX, XX, XXXX

Place

Date



(signature)

General construction characteristics

- 1.3. Number of axles: 2 and wheels: 2
- 1.3.1. Axles with twinned wheels : N.A
- 1.3.2. Powered axles: R
- 6.2.4. Advanced braking system: ABS/~~CBS~~/~~Both ABS and CBS~~/None: None

Main dimensions

- 2.2.1. Length: 1990 mm
- 2.2.2. Width: 760 mm
- 2.2.3. Height: 1120 mm
- 2.2.4. Wheelbase: 1430 mm
- 2.2.4.1. Wheelbase sidecar: N.A.
- 2.2.5. Track width: N.A.
- 2.2.5.1. Track width front: N.A.
- 2.2.5.2. Track width rear: N.A.
- 2.2.5.3. Track width sidecar: N.A.
- 2.2.10.6. Ground clearance between the axles: N.A.
- 2.2.15. Wheelbase to ground clearance ratio: N.A.
- 2.2.17. Seat height: N.A.

Masses

- 2.1.1. Mass in running order: 62 kg
- 2.1.2. Actual mass: 144 kg
- 2.1.3. Technically permissible maximum laden mass: 219 kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 79 kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 140 kg
- 2.1.3.3. Technically permissible maximum mass on sidecar axle: N.A.
- 2.1.7. Technically permissible maximum towable mass: N.A.
- Braked: N.A. Unbraked: N.A.
- 2.1.7.1. Technically permissible maximum laden mass of the combination: N.A.
- 2.1.7.2. Technically permissible maximum mass at the coupling point: N.A.

Powertrain

- 3.1.1.1. Manufacturer: N.A.
- 3.1.1.2. Engine code (as marked on the engine or other means of identification): N.A.
- 3.2.1.2. Working principle of the combustion engine: ~~internal combustion engine (ICE)/positive ignition/compression ignition/external combustion engine (ECE)/turbine/compressed air~~
- 3.2.1.4.1. Number of cylinders: N.A.
- 3.2.1.4.2. Arrangement of cylinders: ~~L/V/O/S~~
- 3.2.1.5. Engine capacity: N.A.
- 1.9. Maximum net power: N.A. (CV*: N.A.)
- 1.10. Ratio maximum net power/mass of the vehicle in running order: N.A. (CV*: N.A.)
- 3.2.3.1. Fuel type: N.A.
- 3.2.3.2. Vehicle fuel combination: ~~mono-fuel/bi-fuel/flex-fuel~~
- 3.2.3.2.1. Maximum amount of bio-fuel acceptable in fuel: N.A.

- 3.1.2.1. Manufacturer: Yongkang Yanhuang Industry and Trade Co., Ltd.
- 3.1.2.2. Electric motor code (as marked on the engine or other means of identification): SS60V1500W50C / ?????
- 3.3.3.4. 15/30 minutes power: 1.5 kW
- 3.1.3.1. Manufacturer: N.A.
- 3.1.3.2. Application code (as marked on the engine or other means of identification): N.A.
- 3.3.1. Electric vehicle configuration: pure electric/hybrid electric/manpower electric
- 3.3.5.2. Category of hybrid electric vehicle: ~~off-vehicle charging/not off-vehicle charging~~
- 3.9.2. Maximum assistance factor: N.A.

Maximum speed

- 1.8. Maximum speed of vehicle: 25 km/h (CV*: N.A.)
- 3.9.3. Maximum vehicle speed for which the electric motor gives assistance: N.A.

Drive-train and control

- 3.5.3.9. Transmission (type): W
- 3.5.4. Gear ratios: N.A.
- 3.5.4.1. Final drive ratio: N.A.
- 3.5.4.2. Overall gear ratio in highest gear: N.A.

Installation of tyres

- 6.18.1.1. Tyre size designation:
Axle 1: 225/55-8, 31N Axle 2: 225/55-8, 31N
- Minimum Load capacity index:
Axle 1: 20 Axle 2: 40
or 31 the speed category symbol must be equal or more than J
- Minimum speed category symbol:
Axle 1: B Axle 2: B
- Recommended pressure:
Axle 1: 225 kPa Axle 2: 250 kPa
- Rim size:
Axle 1: 7.00 x 8 Axle 2: 7.00 x 8
- Sidecar wheel: N.A.

Bodywork

- 6.20.2.1. Door configuration and number of doors: N.A.
- 6.16.1. Number of seating positions: 2
- 6.16.1.1. Location and arrangement: N.A.

Coupling devices

- 7.2.8. Type-approval number of coupling-device : N.A.

Environmental performance

- 4.0.1. Environmental step: Euro 5 (3/4/5/5+) ⁽¹⁾
- 4.0.6. Sound level measured according to: N.A.
- 4.0.6.1. Stationary: N.A. (CV*: N.A.)
- 4.0.6.2. Drive-by: N.A. (CV*: N.A.)
- 4.0.6.3. Limit value for L_{urban}: N.A. (CV*: N.A.)
- 3.2.15. Exhaust emissions measured according to N.A.
- 3.2.15.1. Type I test: tailpipe emissions after cold start, including the deterioration factor, if applicable:

CO: N.A. (CV*: N.A.)
THC: N.A. (CV*: N.A.)
NMHC: N.A. (CV*: N.A.)
NOx: N.A. (CV*: N.A.)
HC+NOx: N.A. (CV*: N.A.)
PM: N.A. (CV*: N.A.)
- 3.2.15.2. Type II test: tailpipe emissions at (increased) idle and free acceleration:
HC: N.A. ppm at normal idling speed and: N.A. ppm at high idle speed (CV*: N.A.)
CO: N.A. % vol at normal idling speed and: N.A. % vol at high idle speed (CV*: N.A.)
- 3.2.15.3. Smoke corrected absorption coefficient: N.A. (CV*: N.A.)

Energy efficiency

- 4.0.2. Fuel consumption: N.A. (CV*: N.A.)
- 4.0.3. CO₂ emissions: N.A. (CV*: N.A.)
- 4.0.4. Energy consumption: 30 Wh/km (CV*: N.A.)
- 4.0.5. Electric range: 68 km (CV*: N.A.)

Conversion of the performance of the vehicle:

- 8.1. Vehicle appropriate for converting its performance level between subcategories (L3e/L4e)-A and (L3e/L4e)-A3 and vice versa: yes/no

Additional information:

- 9.1. Remarks: N.A.
- 9.2. Exemptions: N.A.