



COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned, Mrs. Jian Tianxiu / General Manager
Hereby certifies that the following complete vehicle:

- 0.1. Make (trade name of the manufacturer): MANGOSTEEN
- 0.2. Type: M8S
- 0.2.1. Variant: 00
- 0.2.2. Version: 00
- 0.2.3. Commercial name (if available): M8S
- 0.3. Category, subcategory and sub-subcategory of vehicle: L3e-A1
- 0.4. Company name and address of manufacturer:
MANGOSTEEN TECHNOLOGY CO., LIMITED
FLAT 01C3, 10/F CARNIVAL COMMERCIAL BUILDING 18 JAVA ROAD, NORTH POINT,
HONG KONG, CHINA
- 0.4.2. Name and address of manufacturer's authorized representative (if any):
GreenKar Automotive S.r.l.
Via di Quarto Peperino, 22 CAP 00188 – Roma, Italy
- 0.5.1. Location of the manufacturer's statutory plate(s): L, x680, y105, z230
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): By riveting
- 0.6. Location of the vehicle identification number: R, x250, y25, z770
- 1. Vehicle identification number:

Conforms in all respects to the type described in EU type-approval e9*168/2013*11984*00 (type-approval number including extension number) issued on 19.09.2022 (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.

Place

Date

(signature)

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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 : CBS

Main dimensions

- 2.2.1. Length: 1980 mm
- 2.2.2. Width: 870 mm
- 2.2.3. Height: 1020 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: 82 kg
- 2.1.2. Actual mass: 170 kg
- 2.1.3. Technically permissible maximum laden mass: 220 kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 83 kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 137 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.
- 1.10. Ratio maximum net power/mass of the vehicle in running order: 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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3.1.2.1. Manufacturer: Taizhou Quanshun Electric Drive Technology Co., Ltd.
3.1.2.2. Electric motor code (as marked on the engine or other means of identification):

3.3.3.4. 15/30 minutes power: 4.0 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: 80 km/h
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: 120/70-14 M/C 55S Axle 2: 215/40-12 52M
Minimum Load capacity index:
Axle 1: 22 Axle 2: 40
Minimum speed category symbol:
Axle 1: F Axle 2: F
Recommended pressure:
Axle 1: 225 kpa Axle 2: 151 kpa
Rim size
Axle 1: MT3.0 X 14 Axle 2: 8 X 12
Sidocar wheel: N.A.

Bodywork

6.20.2.1. Door configuration and number of doors: N.A.
6.16.1. Number of seating position: 1
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+)⁽⁴⁾
4.0.6. Sound level measured according to: Reg. (EU) 134/2014 including amendment Reg.(EU) 2018/295: N.A.
4.0.6.1. Stationary: N.A.
4.0.6.2. Drive-by : N.A.
4.0.6.3. Limit value for Lurban: N.A.

3.2.15. Exhaust emissions measured according to Reg. (EU) 134/2014 including amendment Reg.(EU) 2018/295: N.A.

3.2.15.1. Type I test: tailpipe emissions after cold start, including the deterioration factor, if applicable:

CO: N.A.
THC: N.A.
NMHC: N.A.
NOx: N.A.
HC+Nox: N.A.
PM: 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
CO: N.A. %vol at normal idling speed and: N.A. %vol at high idle speed

3.2.15.3. Smoke corrected absorption coefficient: N.A.

Energy efficiency

4.0.2. Fuel consumption: N.A.
4.0.3. CO₂ emissions: N.A.
4.0.4. Energy consumption: 28 Wh/km
4.0.5. Electric range: 103 km

Conversion of the performance of the vehicle:

8.1. Vehicle appropriate for converting its performance level between subcategories (L3e/L4e)-A2 and (L3e/L4e)-A3 and vice versa: yes/no

Additional information:

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