



# COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

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

- 0.1. Make (trade name of the manufacturer): **ROODER**
- 0.2. Type: M6 (CV \* Type): N.A.
- 0.2.1. Variant: 00 (CV \* Variant): N.A.
- 0.2.2. Version: 00 (CV \* Version): N.A.
- 0.2.3. Commercial name (if available): M6  
(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:  
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 authorised 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, x1050, y110, z350
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): By riveted
- 0.6. Location of the vehicle identification number: R, x320, y30, z750
- 1. Vehicle identification number:

Conforms in all respects to the type described in EU type-approval e9\*168/2013\*11760\*01(type-approval number including extension number) (CV\* type-approval number including extension number) issued on 11.05.2021 (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.

Place

Date

简天秀

(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: 2040 mm
- 2.2.2. Width: 950 mm
- 2.2.3. Height: 1160 mm
- 2.2.4. Wheelbase: 1470 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: 77 kg
- 2.1.2. Actual mass: 159 kg
- 2.1.3. Technically permissible maximum laden mass: 209 kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 70 kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 139 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: LI/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: 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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- 3.1.2.1. Manufacturer: Wuxi Yuma Power 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: 2.0 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: 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: 165/45-12, 46J
  - Axle 2: 215/40-12, 52M
- Minimum Load capacity index:
  - Axle 1: 16
  - Axle 2: 40
- Minimum speed category symbol:
  - Axle 1: B
  - Axle 2: B
- Recommended pressure:
  - Axle 1: 200 kPa
  - Axle 2: 250 kPa
- Rim size:
  - Axle 1: 5.5 x 12"
  - Axle 2: 7.5 x 12"
- Sidecar wheel: N.A.

### Bodywork

- 6.20.2.1. Door configuration and number of doors: N.A.
- 6.16.1. Number of seating positions: 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+)
- 4.0.6. 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<sub>urban</sub>: 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. CO<sub>2</sub> emissions: N.A. (CV\*: N.A.)
- 4.0.4. Energy consumption: 46 Wh/km (CV\*: N.A.)
- 4.0.5. Electric range: 53 km (CV\*: N.A.)

### 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.