



# MANGOSTEEN TECHNOLOGY CO., LIMITED

## COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned:

Mrs. Jian Tianxiu / General Manager

Hereby certifies that the following complete vehicle:

- 0.1. Make : ROODER
- 0.2. Type : M1
- 0.2.1. Variant : 01
- 0.2.2. Version : 01
- 0.2.3. Commercial name(s) (where appropriate) : M1
- 0.3. Category, subcategory and sub-subcategory of vehicle : L1e-B
- 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) : R, x1100, y110, z160
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s) : Riveted on the right side of main frame
- 0.6. Location of the vehicle identification number on the chassis : R, x370, y20, z740
1. Vehicle identification number :

conforms in all respects to the type described in EU type-approval (e9\*168/2013\*11377\*03) issued on (10.08.2022) 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)





## MANGOSTEEN TECHNOLOGY CO., LIMITED

### VEHICLE CATEGORY L

#### General construction characteristics

|        |                             |   |      |
|--------|-----------------------------|---|------|
| 1.3.   | Number of axles and wheels: | : | 2    |
| 1.3.2. | Powered axles               | : | R    |
| 6.2.4. | Advanced braking system     | : | None |

#### Main dimensions

|        |           |   |         |
|--------|-----------|---|---------|
| 2.2.1. | Length    | : | 2080 mm |
| 2.2.2. | Width     | : | 920 mm  |
| 2.2.3. | Height    | : | 1190 mm |
| 2.2.4. | Wheelbase | : | 1535 mm |

#### Masses

|          |  |   |        |
|----------|--|---|--------|
| 2.1.1.   | Mass in running order                              | : | 74 kg  |
| 2.1.2.   | Actual mass  | : | 157 kg |
| 2.1.3.   | Technically permissible maximum laden mass         | : | 200 kg |
| 2.1.3.1. | Technically permissible maximum mass on front axle | : | 90 kg  |
| 2.1.3.2. | Technically permissible maximum mass on rear axle  | : | 110 kg |

#### Powertrain

|         |   |   |                                  |
|---------|---|---|----------------------------------|
| 3.1.2.1 | Manufacturer  | : | Ningbo Qianjiang Motor 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 @ 280 min <sup>-1</sup>   |
| 3.3.1.  | Electric vehicle configuration: pure electric/ hybrid electric/ manpower-electric | : | Pure electric                    |

#### Maximum speed

|      |                          |   |         |
|------|--------------------------|---|---------|
| 1.8. | Maximum speed of vehicle | : | 25 km/h |
|------|--------------------------|---|---------|

#### Drive-train and control

|          |                     |   |                |
|----------|---------------------|---|----------------|
| 3.5.3.9. | Transmission (type) | : | W              |
| 3.5.4.   | Gear ratios         | : | 1              |
| 3.5.4.1. | Final drive ratio   | : | Not applicable |

#### Installation of tyres

|           |                       |   |  |
|-----------|-----------------------|---|--|
| 6.18.1.1. | Tyre size designation | : |  |
|-----------|-----------------------|---|--|

Axle 1: tyre: 130/70-12, 58J or 62J or 56L  
minimum load-capacity: 24  
minimum speed category: B  
tyre pressure: 250 kpa  
rim: 3.50 x 12 or 12\*MT2.75

Axle 2: tyre: 215/40-12, 52M  
minimum load-capacity: 32  
minimum speed category: B  
tyre pressure: 250 kpa  
rim: 8.00 x 12 or 12\*7.5

#### Bodywork

|         |                             |   |   |
|---------|-----------------------------|---|---|
| 6.16.1. | Number of seating positions | : | 1 |
|---------|-----------------------------|---|---|

#### Coupling devices

|        |   |   |                |
|--------|---|---|----------------|
| 7.2.8. | Type-approval number of coupling-device | : | Not applicable |
|--------|---|---|----------------|

#### Environmental performance

|           |  |   |                |
|-----------|--|---|----------------|
| 4.0.1.    | Environmental step   | : | Euro 5         |
| 4.0.6.    | Sound level measured according to Regulation (EU) No 134/2014 Annex IX including amendment Regulation (EU) 2016/1824 | : |                |
| 4.0.6.1.  | Stationary   | : | Not applicable |
| 4.0.6.2.  | Drive-by   | : | Not applicable |
| 4.0.6.3.  | Limit value for Lurban   | : | Not applicable |
| 3.2.15.   | Exhaust emission measured according to Regulation (EU) No 134/2014 including amendment Regulation (EU) 2016/1824     | : |                |
| 3.2.15.1. | Type V test: tailpipe emissions after cold start, including the deterioration factor, if applicable                  | : |                |
|           | CO   | : | Not applicable |
|           | THC  | : | Not applicable |
|           | NO <sub>x</sub>  | : | Not applicable |
| 3.2.15.2. | Type II test: tailpipe emissions at (increased) idle and free acceleration   | : |                |
|           | THC: --- ppm at normal idling speed and --- ppm at high idle speed   | : |                |
|           | CO: ---% vol. at normal idling speed and ---% vol. at high idle speed  | : |                |

#### Energy efficiency

|        |                    |   |          |
|--------|--------------------|---|----------|
| 4.0.3. | Energy consumption | : | 23 Wh/km |
| 4.0.4. | Electric range     | : | 64 km    |

#### Additional information

|      |            |   |                |
|------|------------|---|----------------|
| 9.1. | Remarks    | : | Not applicable |
| 9.2. | Exemptions | : | Not applicable |