



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 : 02
- 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)

简天秀

(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	:	168 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 @ 420 min ⁻¹
3.3.1.	Electric vehicle configuration: pure electric/ hybrid electric/ manpower-electric	:	Pure electric

Maximum speed

1.8.	Maximum speed of vehicle	:	45 km/h
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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	:	
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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
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Coupling devices

7.2.8.	Type-approval number of coupling-device	:	Not applicable
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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 L _{urban}	:	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 _x	:	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	:	28 Wh/km
4.0.4.	Electric range	:	111 km

Additional information

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