

# COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned, Mr. Moritz Maximilian Berrenberg, General Manager  
Hereby certifies that the following complete vehicle:

- 0.1. Make (trade name of the manufacturer): **ROLEKTRO**
- 0.2. Type: **E-Quad Duo** (CV \* Type): N.A.
- 0.2.1. Variant: **25** (CV \* Variant): N.A.
- 0.2.2. Version: **V.3** (CV \* Version): N.A.
- 0.2.3. Commercial name (if available): **E-Quad 25 V.3 Duo Premium**  
(CV \* Commercial name (if available)): N.A.
- 0.3. Category, subcategory and sub-subcategory of vehicle: **L6e-A**  
(CV \* Category, subcategory and sub-subcategory of vehicle): N.A.
- 0.4. Company name and address of manufacturer:  
**GERMAN E-MOBILITY HOLDING LIMITED**  
RM G 12/F KING PALACE PLAZA 55 KING YIP ST KWUN TONG KLN  
HONG KONG, CHINA
- 0.4.2. Name and address of manufacturer's authorised representative (if any):  
Moritz Maximilian Berrenberg  
Friedrichstr. 73, 42781 Haan, Germany
- 0.5.1. Location of the manufacturer's statutory plate(s): R, x1258, y240, z145
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): By riveted on the chassis
- 0.6. Location of the vehicle identification number: R, x365, y10, z340 (r/o)
1. Vehicle identification number: **★R3101211??B?????★**

conforms in all respects to the type described in EU type-approval **e9\*168/2013\*16530\*00** (type-approval number including extension number) (CV\* type-approval number including extension number) issued on **04/06/2025** (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 (dd/mm/yyyy)

(signature)

## General construction characteristics

- 1.3. Number of axles: 2  
and wheels: 4
- 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**

## Main dimensions

- 2.2.1. Length: 2205 mm
- 2.2.2. Width: 675 mm
- 2.2.3. Height: 1425 mm or 1395 mm 1590 mm
- 2.2.4. Wheelbase: N.A.
- 2.2.4.1. Wheelbase sidecar: N.A.
- 2.2.5. Track width
- 2.2.5.1. Track width front: 589 mm
- 2.2.5.2. Track width rear: 570 mm
- 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: 115 kg
- 2.1.2. Actual mass: 206 kg
- 2.1.3. Technically permissible maximum laden mass: 304 kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 101 kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 203 kg
- 2.1.3.3. Technically permissible maximum mass on sidecar axle: N.A.
- 2.1.7. Technically permissible maximum towable mass:
- 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**

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3.2.3.2.1. Maximum amount of bio-fuel acceptable in fuel: N.A.

3.1.2.1. Manufacturer: Ningbo Shenchima Vehicle Industry Co., Ltd.  
3.1.2.2. Electric motor code (as marked on the engine or other means of identification):  
**SCM-XL 1500W / ??????????**  
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.~~ N.A.  
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

3.5.3.3. Transmission (type): O  
3.5.4. Gear ratios: 7.98,  
Reverse: 7.98  
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: 3.00-8 38J Axle 2: 3.00-10 42J  
  
Minimum Load capacity index:  
Axle 1: 16 Axle 2: 29  
  
Minimum speed category symbol:  
Axle 1: B Axle 2: B  
  
Recommended pressure:  
Axle 1: 250 kPa Axle 2: 250 kPa  
  
Rim size:  
Axle 1: MT1.85 x 8 Axle 2: MT 2.15 x 10  
  
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: r1: 1C, r2: 2C

## 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 Reg. (EU) 134/2014  
including amendment Reg. (EU) 2023/2724: N.A.  
4.0.6.1. Stationary: N.A. (CV\*: N.A.)  
at engine speed: 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 Reg. (EU) 134/2014  
including amendment Reg. (EU) 2023/2724: 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.)
THC+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: ---ppm at normal idling speed and:  
--- ppm at high idle speed (CV\*: N.A.)

CO: --- % vol at normal idling speed and:  
--- %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: 34 Wh/km (CV\*: N.A.)  
4.0.5. Electric range: **71 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.