

Chongqing Qiulong Technology Co.,Ltd.

No.259, Shimian Village, Qiezixi Street,
Dadukou District, Chongqing City, China

EU CERTIFICATE OF CONFORMITY

The undersigned:

Mr. Gan XueHai/Director

Hereby certifies that the following complete vehicle:

- | | |
|--|---|
| 0.1. Make (trade name of the manufacture) : | surron |
| 0.2. Type: | QL3000DY-2 |
| 0.2.1. Variant: | QL3000DY-2D |
| 0.2.2. Version: | 1C |
| 0.2.3. Commercial name(s)(if available): | Light Bee |
| 0.3. Category, subcategory and sub-subcategory of vehicle: | L1e-B |
| 0.4. Company name and address of the manufacturer: | Chongqing Qiulong Technology Co., Ltd.
No.259, Shimian Village, Qiezixi Street,
Dadukou District, Chongqing City, China |
| 0.4.2. Name and address of manufacturer's authorized representative (if any) : | ElektroMX GmbH
Saarstraße 25, 58332 Schwelm, Germany |
| 0.5.1. Location of the manufacturer's statutory plate(s) | C, x400, y0, z700 |
| 0.5.2. Method of attachment of the manufacturer's statutory plate(s): | Be riveted in the middle of body |
| 0.6. Location of the Vehicle identification number: | R, x250, y35, z850 |
| 1. Vehicle identification number: | HU3YWB1AXP0010936 |

Conforms in all respects to the type described in EU type-approval e13*168/2013*01153*03 issued on (27, July, 2022) and can be permanently registered in Member States having right/left -hand traffic and using metric/imperial units for the speedometer

Place Chongqing, P.R.China

Date August 1, 2023

Signature



Chongqing Qiulong Technology Co.,Ltd.

No.259, Shimian Village, Qiezixi Street,
Dadukou District, Chongqing City, China

VEHICLE CATEGORY L

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: None

Main dimensions

- 2.2.1. Length: 1860 mm 2.2.2. Width: 780 mm
2.2.3. Height: 1050 mm
2.2.4. Wheel base: 1230mm 2.2.4.1. Wheelbase sidecar: n.a.
2.2.5. Track width
2.2.5.1. Track width front: n.a. 2.2.5.2. Track width rear: n.a.
2.2.5.3 Track with 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: 47kg 2.1.2. Actual mass: 133kg
2.1.3. Technically permissible maximum laden mass: 140 kg
2.1.3.1. Technically permissible maximum on front axle: 57kg
2.1.3.2. Technically permissible maximum on rear axle: 83kg
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: 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: ---
3.2.1.4.2. Arrangement of cylinders: ---
3.2.1.5. Engine capacity: --- cm³
1.9. Maximum net power: n.a.
1.10. Ratio: maximum net power /mass of the vehicle in running
order: --- (kW/kg)
3.2.3.1. Fuel type: ---
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.
3.1.2.1. Manufacturer: Changzhou Jintan Micro & Special Motor
Co., Ltd.
3.1.2.2. Electric motor code: 182ZW4835408
3.3.3.4. 15/30 (1) minutes power: 2.04 kW
3.1.3.1. Manufacturer: n.a. 3.1.3.2. Application code: 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: 45 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): O
3.5.4. Gear ratios: n.a.
3.5.4.1. Final drive ratio: 7.602
3.5.4.2. Overall gear ratio in highest gear: n.a.

Installation of tyres

- 6.18.1.1. Tyre size designation:
Axle 1: 70/100-19 42M 225kpa 19×1.4
~~Or 2.5-19 41N 225kpa 19×1.4~~
Axle 2: 70/100-19 42M 225kpa 19×1.4
~~Or 2.5-19 41N 225kpa 19×1.4~~
Sidecar wheel: n.a.

Bodywork

- 6.20.2.1. Door configuration and number of doors : not applicable
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: not applicable

Environmental performance

- 4.0.1. Environmental step: Euro 5
4.0.6. Sound level measured according to: Regulation (EU) No
134/2014 as amended by 2018/295
4.0.6.1. Stationary: --- dB(A) at engine speed: --- min⁻¹
4.0.6.2. Drive-by: -- dB(A)
4.0.6.3. Limit value for Lurban: -- dB(A)
3.2.15. Exhaust emissions measured according to: Regulation (EU) No
134/2014 as amended by 2018/295
3.2.15.1. Type I test: tailpipe emissions after cold start, including
the deterioration factor, if applicable
CO : --- mg/km THC: --- mg/km NMHC: --- mg/km
NO_x : --- mg/km HC+ NO_x : --- mg/km PM: --- mg/km
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
CO: ---% vol. at normal idling speed and: --- % vol. at high idle speed
3.1.15.3. Smoke corrected absorption coefficient : --- m⁻¹

Energy efficiency

- 4.0.2. Fuel consumption: --- l/kg/100km
4.0.3. CO₂ emissions: --- g/km
4.0.4. Energy consumption: 32 Wh/km
4.0.5. Electric range: 75 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 : ---
9.2. Exemptions : ---