

Chongqing Huanghe Motorcycle Co., Ltd.

Youai Village(NO.111, North of Tongtao Road), Taojia Town, Jiulongpo District, Chongqing, China

EU CERTIFICATE OF CONFORMITY

The undersigned:

Ms. Vera Li/Directing Manager

Hereby certifies that the following complete vehicle:

- | | | |
|--------|---|---|
| 0.1. | Make: | HORWIN |
| 0.2. | Type: | HH4300DQ |
| 0.2.1. | Variant: | HH4300DQ |
| 0.2.2. | Version: | L |
| 0.2.3. | Commercial name(s) (where appropriate): | F80 |
| 0.3. | Category, subcategory and sub-subcategory of vehicle : | L3e-A1 |
| 0.4. | Name and address of the manufacturer: | Chongqing Huanghe Motorcycle Co., Ltd.
Youai Village(NO.111, North of Tongtao Road),
Taojia Town, Jiulongpo District, Chongqing,China |
| 0.4.2. | Name and address of manufacturer's authorized representative : | Mr. Mahamed Ahmed Nuur
Plogestigen 18 78452 Borlange Sweden |
| 0.5.1. | Location of the manufacturer's statutory plate(s) | R: X800, Y25, Z600 |
| 0.5.2. | Method of attachment of the manufacturer's statutory plate(s) : | Be riveted At the tail of the frame on the right |
| 0.6. | Location of the Vehicle identification number: | R: X800, Y25, Z570 |
| 1. | Vehicle identification number: | LDUDEZLA6NA000511 |

Conforms in all respects to the type described in EU type-approval e13*168/2013*01411*00 issued on (29, 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 05,November, 2022

signature



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: CBS

Main dimensions

- 2.2.1. Length: 1970 mm 2.2.2. Width: 780 mm
2.2.3. Height: 1080 mm
2.2.4. Wheelbase: 1310 mm 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: 58 kg
2.1.2. Actual mass: 160 kg
2.1.3. Technically permissible maximum laden mass: 185 kg
2.1.3.1. Technically permissible maximum on front axle: 85 kg
2.1.3.2 Technically permissible maximum on rear axle: 100kg
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: Chongqing Huanghe Motorcycle Co.,
Ltd.
3.1.2.2. Electric motor code: 195YC72220018
3.3.3.4. 15/30⁽¹⁾ minutes power: 4.3 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 of vehicle: 90km/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: 4.133
3.5.4.1. Final drive ratio: 4.133
3.5.4.2. Overall gear ratio in highest gear: n.a

Installation of tyres

- 6.18.1.1. Tyre size designation:
Axle 1: 2.75-18 42P 225kPa 18×1.85/22G
Axle 2: 100/80-18 59P 225kPa 18×2.15/28G

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 amend 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 L_{urban}: -- dB(A)
3.2.15. Exhaust emissions measured according to:
Regulation (EU) No 134/2014 amend 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
3.2.15.3. 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: 34 Wh/km
4.0.5. Electric range: 104 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 : ---