

COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned, Hu Xia /general manager
Hereby certifies that the following complete vehicle:

- 0.1. Make (trade name of the manufacturer): **SHANSU**
- 0.2. Type: HM-3
- 0.2.1. Variant: 00
- 0.2.2. Version: 00
- 0.2.3. Commercial name (if available): electric scooter
- 0.3. Category, subcategory and sub-subcategory of vehicle: L2e-P
- 0.4. Company name and address of manufacturer:
ZHEJIANG YIXING INDUSTRY AND TRADE LIMITED
ROOM 2103, 21/F HO KING COMMERCIAL CENTRE NO. 2-16 FA YUEN STREET
MONG KOK, KOWLOON HONG KONG
- 0.4.2. Name and address of manufacturer's authorized representative (if any):
MINIMOTOS SPORT, S.L.
C/LA MITJANA 7 - POLIGONO EL BOCH, CREVILLENT, ALICANTE, SPAIN
- 0.5.1. Location of the manufacturer's statutory plate(s): C, x1260, y0, z460
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): Riveted
- 0.6. Location of the vehicle identification number: R, x400, y20, z420
1. Vehicle identification number: ☆R68HM3000PA000180☆

conforms in all respects to the type described in EU type-approval (e13*168/2013*01662*00 type-approval number including extension number) issued on (Bertrange, le 24 janvier 2023 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

09.09.2023
Date



General manager

(signature)

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: ABS / CBS / Both ABS and CBS / None

Main dimensions

- 2.2.1. Length: 2040 mm
- 2.2.2. Width: 1050 mm
- 2.2.3. Height: 1095 mm
- 2.2.4. Wheelbase: 1530 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: 765 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: 81 kg
- 2.1.2. Actual mass: 163 kg
- 2.1.3. Technically permissible maximum laden mass: 238 kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 83 kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 155 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~~-N.A.
- 3.2.1.4.1. Number of cylinders: N.A.
- 3.2.1.4.2. Arrangement of cylinders: ~~LH/V/O/S~~
- 3.2.1.5. Engine capacity: N.A.
- 1.9. Maximum net power: N.A.
- 1.10. Ratio maximum net power/mass of the vehicle in running order: N.A.
- 3.2.3.1. Fuel type: N.A.
- 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: Yongkang Shansu Technology Co., Ltd.
3.1.2.2. Electric motor code (as marked on the engine or other means of identification):

HM3SS 00000180

3.3.3.4. ~~45/30~~ minutes power: left and right: 2.0 kW at 3000 min⁻¹
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: 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: Forward gear: 1, Reverse gear: 1
3.5.4.1. Final drive ratio: 8.185
3.5.4.2. Overall gear ratio in highest gear: N.A.

Installation of tyres

6.18.1.1. Tyre size designation:
Axle 1: 225/40-10 58M 7.0-10 250 kPa
Axle 2: 225/40-10 58M 7.0-10 250 kPa

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: 1C

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: N.A.
4.0.6.1. Stationary: N.A. at engine speed: N.A.
4.0.6.2. Drive-by: N.A.
4.0.6.3. Limit value for Lurban: N.A.

3.2.15. Exhaust emissions measured according to Regulation (EU) No 134/2014 including all amendments up to (EU) 2018/295

3.2.15.1. Type I test: tailpipe emissions after cold start, including the deterioration factor, if applicable:

CO: N.A.
THC: N.A.
NMHC: N.A.
NO_x: N.A.
THC+NO_x: N.A.
PM: N.A.

3.2.15.2. Type II test: tailpipe emissions at (increased) idle and free acceleration:

HC: N.A.
CO: N.A.

3.2.15.3. Smoke corrected absorption coefficient: N.A.

Energy efficiency

4.0.2. Fuel consumption: N.A.
4.0.3. CO₂ emissions: N.A.
4.0.4. Energy consumption: 42 Wh/km
4.0.5. Electric range: 36 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 N.A.

Additional information:

9.1. Remarks: N.A.
9.2. Exemptions: N.A.