

# COMPLETE VEHICLE

## EU CERTIFICATE OF CONFORMITY

General construction characteristics

- 3. Number of axles: 2 and wheels: 3
- 3.1.1. Axles with driven wheels: N.A.
- 3.1.2. Powered axles: R
- 6.2.4. Advanced braking system: ABS+CBS+Both ABS and CBS+None

Main dimensions

- 2.2.1. Length: 1960 mm
- 2.2.2. Width: 690 mm
- 2.2.3. Height: 1065 mm
- 2.2.4. Wheelbase: 1475 mm
- 2.2.4.1. Wheelbase sidecar: N.A.
- 2.2.5. Track width: N.A.
- 2.2.5.1. Track width front: N.A.
- 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: 93 kg
- 2.1.2. Actual mass: 203 kg
- 2.1.3. Technically permissible maximum laden mass: 278 kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 84 kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 194 kg
- 2.1.3.3. Technically permissible maximum mass on sidecar axle: N.A.
- 2.1.7. Technically permissible maximum towable mass: N.A.
- 2.1.7.1. Braked: N.A. Unbraked: N.A.
- 2.1.7.2. Technically permissible maximum laden mass of the combination: N.A.
- 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.
- 3.1.2. 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: LI-V-I-O-I-S-N.A.
- 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-N.A.
- 3.2.3.2.1. Maximum amount of bio-fuel acceptable in fuel: N.A.
- 3.1.2.1. Manufacturer: ZHEJIANG UNITE MOTOR CO., LTD
- 3.1.2.2. Electric motor code (as marked on the engine or other means of identification): YWDJ010-1000EECK300UB52
- 3.3.3.4. 15/30 minutes power: 1.0 kW at 3007 min<sup>-1</sup>
- 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.

The undersigned, Haifeng Zhao, Manager  
Hereby certifies that the following complete vehicle:

- 0.1. Make (trade name of the manufacturer): Huafu
- 0.2. Type: HF-ET10
- 0.2.1. Variant: 0
- 0.2.2. Version: 0
- 0.2.3. Commercial name (if available): HF-ET10
- 0.3. Category, subcategory and sub-subcategory of vehicle: L2e-F
- 0.4. Company name and address of manufacturer:  
Jiangsu Baodiao Locomotive Co., Ltd  
No.5, Houshan Road, New Century Factory Zone, Zhaqiao, Anzhen Town, Xishan District, Wuxi City,  
Jiangsu Province, China

0.4.2. Name and address of manufacturer's authorized representative (if any):

Geoffrey ESPEIO  
12 LOT LES HAUTS DE DOROGNE 33240 GUBZAC LES PONTS, FRANCE

- 0.5.1. Location of the manufacturer's statutory plate(s): R, x1100, y215, z210
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): Riveted
- 0.6. Location of the vehicle identification number R, x310, y1, z380

1. Vehicle identification number: L2B857223K6280855

conforms in all respects to the type described in EU type-approval (e13\*168/2013\*00465\*00 type-approval number including extension number) issued on (11 June, 20 date of issue) and can be permanently registered in Member States having right/left-hand traffic and using metric unit for the speedometer.

Wuxi, China

(place) 5<sup>th</sup>, November, 2019 (date)

(signature)

3.3.1. Electric vehicle configuration: pure electric/hybrid electric/manpower-electric  
 3.3.5.2. Category of hybrid electric vehicle: off-vehicle charging/foot of vehicle charging  
 3.9.2. Maximum assistance factor: N.A.

**Maximum speed**

1.8. Maximum speed of vehicle: 25 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): N.A.  
 3.5.4. Gear ratios: N.A.  
 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:  
 (optional 1 – optional 5)  
 Axle 1: 3.00-10 42J 2.10x10 250 kPa  
 Axle 2: 3.00-10 42J 2.10x10 250 kPa  
 (optional 7)  
 Axle 1: 3.00-10 47J 2.10x10 250 kPa  
 Axle 2: 3.00-10 47J 2.10x10 250 kPa

Sidescar 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 (3/4/5): N.A.  
 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  $L_{Aeq}$ : N.A.

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

Type-test	CO	THC	NMHC	NOx	THC+NOx	PM	HC+N.A.	CO+N.A.
Type-test	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

3.2.15.3. Smoke corrected absorption coefficient: N.A.  
 Energy efficiency  
 4.0.2. Fuel consumption: N.A.  
 4.0.3. CO<sub>2</sub> emissions: N.A.  
 4.0.4. Energy consumption: 44 Wh/km  
 4.0.5. Electric range: 33 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.