

Tianjin Bohai New Energy Technology Co.,Ltd

No. 8, Aima Road, South Area of Jinghai Economic Development Zone, Tianjin, P.R.China

EU CERTIFICATE OF CONFORMITY

The undersigned:

Ms. Yu Jialu/Legal representative

Hereby certifies that the following complete vehicle:

- | | | |
|--------|--|--|
| 0.1. | Make: | Fafrees |
| 0.2. | Type: | FF20 POLAR |
| 0.2.1. | Variant: | n.a. |
| 0.2.2. | Version: | n.a. |
| 0.2.3. | Commercial name(s) (where appropriate): | FF20 POLAR |
| 0.3. | Category, subcategory and sub-subcategory of vehicle: | L1e-B |
| 0.4. | Name and address of the manufacturer: | Tianjin Bohai New Energy Technology Co.,Ltd
No. 8, Aima Road, South Area of Jinghai Economic
Development Zone, Tianjin,
P.R.China |
| 0.4.2. | Name and address of manufacturer's authorized representative: | Fafrees GmbH
Sohlstaettenstra.74, 40880 Ratingen, Germany |
| 0.5.1. | Location of the manufacturer's statutory plate(s) | L, x766, y17, z407 |
| 0.5.2. | Method of attachment of the manufacturer's statutory plate(s): | Riveted on left side of the frame |
| 0.6. | Location of the Vehicle identification number: | R, x795, y20, z511 |
| 1. | Vehicle identification number: | LV6POLAR***** |

Conforms in all respects to the type described in EU type-approval e24*168/2013*0XXXX*00 issued on (MM DD, YYYY) and can be permanently registered in Member States having right/left -hand traffic and using metric/imperial units for the speedometer

Place Tianjin, P.R.China Date MM DD, YYYY

signature

Yu Jialu



e24*168/2013*00126*00

Tianjin Bohai New Energy Technology Co.,Ltd

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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: 1822 mm 2.2.2. Width: 678 mm
2.2.3. Height: 1190 mm
2.2.4. Wheelbase: 1214 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: 28 kg
2.1.2. Actual mass: 110 kg
2.1.3. Technically permissible maximum laden mass: 150 kg
2.1.3.1. Technically permissible maximum on front axle: 64 kg
2.1.3.2 Technically permissible maximum on rear axle: 86kg
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: n.a.
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: 0.02 (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: Suzhou Toseven New Energy
Technology Co., Ltd.
3.1.2.2. Electric motor code: TOS748V20500W
3.3.3.4. ~~15/30~~⁽¹⁾ minutes power: 500 W
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: 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): W
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:
Axle 1: 100/90-406 M/C 42B 140kPa 406*74C
Axle 2: 100/90-406 M/C 42B 140kPa 406*74C
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: EU no 134/2014 as amended
by 2023/2724
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 2023/2724
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 THC+ 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/100km
4.0.3. CO₂ emissions: -- g/km
4.0.4. Energy consumption: 12Ah/48V: 23 Wh/km or
13.4Ah/48V: 23 Wh/km
4.0.5. Electric range: 12Ah/48V: 54 km or 13.4Ah/48V: 60 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 : --

