

COMPLETE VEHICLE EU CERTIFICATE OF CONFORMITY

The undersigned, Fan Luyin, General Manager
Hereby certifies that the following complete vehicle:

- 0.1. Make (trade name of the manufacturer): **FANGPOWER, Kontio Motors, YUKI, mitt**
- 0.2. Type: SW570-E
- 0.2.1. Variant: 0
- 0.2.2. Version: 00
- 0.2.3. Commercial name (if available): SW570-E
- 0.3. Category, subcategory and sub-subcategory of vehicle: L7e-B1
- 0.4. Company name and address of manufacturer:

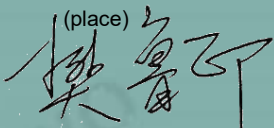
Shandong Shengwo New Energy Development Co., Ltd.
No.10A, North Zone, Comprehensive Bonded Zone, High-tech Zone, Zibo City,
Shandong Province, China
- 0.4.2. Name and address of manufacturer's authorized representative (if any):

VANNETUKKU.FI OY
Kivirannantie 9 74100 IISALMI, Finland
- 0.5.1. Location of the manufacturer's statutory plate(s): L, x-39, y-98, z606
- 0.5.2. Method of attachment of the manufacturer's statutory plate(s): Riveted
- 0.6. Location of the vehicle identification number: R, x1152, y123, z619
1. Vehicle identification number: ☆H0XADAKC????????☆

conforms in all respects to the type described in EU type-approval (e13*168/2013*01473*00 type-approval number including extension number) issued on (19.08.2022 date of issue) and can be permanently registered in Member States having right/left-hand traffic and using metric/imperial units for the speedometer.

Zibo, China

DD, MM, YYYY

(place)


(signature)

(date)

General construction characteristics

- 1.3. Number of axles: 2 and wheels: 4
- 1.3.1. Axles with twinned wheels: N.A.
- 1.3.2. Powered axles: F&R
- 6.2.4. Advanced braking system: ABS / CBS / Both ABS and CBS / None

Main dimensions

- 2.2.1. Length: 2200 mm
- 2.2.2. Width: 1214 mm
- 2.2.3. Height: 1370 mm
- 2.2.4. Wheelbase: 1370 mm
- 2.2.4.1. Wheelbase sidecar: N.A.
- 2.2.5. Track width
- 2.2.5.1. Track width front: 974 mm.
- 2.2.5.2. Track width rear: 960 mm.
- 2.2.5.3. Track width sidecar: N.A.
- 2.2.10.6 Ground clearance between the axles: 250 mm
- 2.2.15 Wheelbase to ground clearance ratio: 5.48:1
- 2.2.17 Seat height: N.A.

Masses

- 2.1.1. Mass in running order: 392 kg
- 2.1.2. Actual mass: 467 kg
- 2.1.3. Technically permissible maximum laden mass: 602 kg
- 2.1.3.1. Technically permissible maximum mass on front axle: 264 kg
- 2.1.3.2. Technically permissible maximum mass on rear axle: 338 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: 180 kg
- 2.1.7.1. Technically permissible maximum laden mass of the combination: 777 kg
- 2.1.7.2. Technically permissible maximum mass at the coupling point: 100 kg

Powertrain

- 3.1.1.1. Manufacturer: Chongqing Gaokin Industry Co., Ltd.
- 3.1.1.2. Engine code (as marked on the engine or other means of identification): GK192MR-2

- 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: 1
- 3.2.1.4.2. Arrangement of cylinders: L//V//O//S
- 3.2.1.5. Engine capacity: 499 cm³
- 1.9. Maximum net power: 24.4 kW at 6750 min⁻¹
- 1.10. Ratio maximum net power/mass of the vehicle in running order: 0.06 kW/kg
- 3.2.3.1. Fuel type: P
- 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: N.A.
- 3.1.2.2. Electric motor code (as marked on the engine or other means of identification): N.A.
- 3.3.3.4. 15/30 minutes power: N.A.
- 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: N.A.
- 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: 80 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): C
- 3.5.4. Gear ratios: 1: 10.687; 2: 10.893; 3: 11.099
- 3.5.4.1. Final drive ratio: 3.667
- 3.5.4.2. Overall gear ratio in highest gear: N.A.

Installation of tyres

- 6.18.1.1. Tyre size designation:
(option 1)
Axle 1: AT25x8-12 43F 12x6.5 45 kPa
Axle 2: AT25x10-12 50F 12x8.0 45 kPa
(option 2)
Axle 1: AT25x8-12 43J 12x6.5 45 kPa
Axle 2: AT25x10-12 50J 12x8.0 45 kPa
(option 3)
Axle 1: 25x8-12 42J 12x6.5 45 kPa
Axle 2: 25x10-12 47J 12x8.0 45 kPa
(option 4)
Axle 1: AT25x8-12 40L 12x6.5 45 kPa
Axle 2: AT25x10-12 50L 12x8.0 45 kPa
(option 5)
Axle 1: AT25x8-12 40F 12x6.5 45 kPa
Axle 2: AT25x10-12 50F 12x8.0 45 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: E13*55R02/00*4797*00

Environmental performance

- 4.0.1. Environmental step: Euro (3/4/5/5+)
- 4.0.6. Sound level measured according to: UNECE regulation No 9 including all amendments up to Series 07, Supplement 3
- 4.0.6.1. Stationary: 90 dB(A) at engine speed: 3375 min⁻¹
- 4.0.6.2. Drive-by: 80 dB(A)
- 4.0.6.3. Limit value for Lurban: 80 dB(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 : | 454 mg/km |
| THC : | 66 mg/km |
| NMHC : | 61 mg/km |
| NOx : | 53 mg/km |
| THC+NOx : | N.A. |
| PM : | N.A. |
- 3.2.15.2. Type II test: tailpipe emissions at (increased) idle and free acceleration:
HC: 90 ppm at normal idling speed and: 63 ppm at high idle speed
CO: 0.2 % vol. at normal idling speed and: 0.2 % vol. at high idle speed
- 3.2.15.3. Smoke corrected absorption coefficient: N.A.

Energy efficiency

- 4.0.2. Fuel consumption: 8.4 L/100km
- 4.0.3. CO₂ emissions: 196 g/km
- 4.0.4. Energy consumption: N.A.
- 4.0.5. Electric range: N.A.

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.