

EU CERTIFICATE OF CONFORMITY



The undersigned: Mr. Yangmingfa/Director

Hereby certifies that the following complete vehicle

0.1.	Make:	Zongshen
0.2.	Type:	ZS1200DT
0.2.1.	Variant:	n.a.
0.2.2.	Version:	n.a.
0.2.3.	Commercial name(s) (where appropriate):	n.a.
0.3.	Category, subcategory and sub-subcategory of vehicle:	L1e-B
0.4.	Name and address of the manufacturer:	ZONGSHEN INDUSTRIAL GROUP CO., LTD. CHAOYOUCHANG, BANAN DISTRICT, Chongqing, China POST CODE: 400056
0.4.2.	Name and address of manufacturer's authorized representative:	Llexeter Ltd. Unit 15-18 Greendale Business Park, Exeter, EX5, 1EW, United Kingdom
0.5.1.	Location of the manufacturer's statutory plate(s)	R, X836, Y145, Z375
0.5.2.	Method of attachment of the manufacturer's statutory plate(s):	Rivet
0.6.	Location of the Vehicle identification number:	R, X1180, Y5, Z668 (r/o)
1.	Vehicle identification number:	LZSD [REDACTED]

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: ABS / CBS / Both ABS and CBS / None		

Main dimensions

2.2.1.	Length: 1740mm	2.2.2.	Width: 730 mm	2.2.3.	Height: 1070 mm
2.2.4.	Wheel base: 1250 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:	75 kg	2.1.2.	Actual mass: 159 kg
2.1.3.	Technically permissible maximum laden mass: 234 kg			
2.1.3.1.	Technically permissible maximum on front axle: 68 kg			
2.1.3.2.	Technically permissible maximum on rear axle: 166kg			
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.
3.1.1.3.	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 and arrangement of cylinders: ---	
3.2.1.4.2.	arrangement of cylinders: ---	
3.2.1.5.	Cylinder capacity: --- cm ³	
1.9.	Maximum net power ---	
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:	Bosh(Ningbo) e-Scooter Motor Co.,Ltd.

Conforms in all respects to the type described in EU type-approval e13*168/2013*00612*00 issued on (April 24,2019) and can be permanently registered in Member States having, having right/left -hand traffic and using metric/imperial units for the speedometer

Place Chongqing, P.R.China Date AUG 20, 2019

Signature



- 3.1.2.2. Electric motor code: 10ZW6064318YA1K340010
- 3.3.3.4. 15/30 (1) minutes power: 1.5KW
- 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: 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: 3.0-10 42J 200kpa MT2.15×10 Axle 2: 3.5-10 51J 225kpa MT2.15×10
- Sidecar wheel: n.a.

Bodywork

- 6.20.2.1. Door configuration and number of doors : not applicable
- 6.16.1. Number of seating positions: 2
- 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 4
- 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 Lurban: --- 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
- Visible air pollution caused by an engine with compression ignition: ---

- 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: 34Wh/km 4.0.5. Electric range:55 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 : ---