

EEC approved

TD690Z



electric scooter

<p>Motor power: 1500w Battery capacity: 72v, 20 Ah lead-acid Max speed: 43-45 km/h Speed distance for 90kg person \geq 45 kms Climbing ability: \geq 20° Brake: front : Disc, rear: Drum Charge time: 8h Wheelbase: 1265mm Rated RMP: 580\pm10r/min Power consumption per 100km \leq 2.5kwh Rated efficiency: \geq 80% Rated current: 30A\pm0.5A Standard voltage: 72v Noise: \leq 60 dB(A) N.W: 115KGS G.W: 130KGS Product size: 1820*885*1090mm Packing size: 1925*585*1065mm Container load: 20pcs/20" GP 50pcs/40" GP EEC NO: e4*2002/24*1690*00*</p>	
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RDW

Vehicle Technology Division

THE NETHERLANDS
(NEDERLAND)



EC TYPE-APPROVAL CERTIFICATE

Communication concerning:

- TYPE-APPROVAL ⁽¹⁾
- ~~- EXTENSION OF TYPE APPROVAL ⁽¹⁾~~
- ~~- REFUSAL OF TYPE APPROVAL ⁽¹⁾~~
- ~~- WITHDRAWAL OF TYPE APPROVAL ⁽¹⁾~~

of a type of vehicle with regard to directive 2002/24/EC as last amended by directive 2006/120/EC.

EC type-approval number : e4*2002/24*1690*00
Reason for extension : not applicable
Approval mark : e4*2002/24*1690

0. General
- 0.1. **Make(s) (trade name of the manufacturer)** : CHINSUN
- 0.2. **Type** : TD690Z
Variant : ---
Versions : ---
- 0.2.1. **Commercial name(s)** : FLYBROTHER
- 0.3. **Means of identification of type, if marked on the vehicle** : n.a.
- 0.3.1. **Location of that marking** : n.a.
- 0.4. **Category ⁽²⁾** : L1e
- 0.5. **Name and address of the vehicle manufacturer** : Qunsheng Group Co., Ltd.
No.59, Yongtuo Road
YongKang, ZheJiang, 321300
P.R. China
- 0.5.1. **Name(s) and address(es) of assembly plant(s)** : Qunsheng Group Co., Ltd.
No.59, Yongtuo Road
YongKang, ZheJiang, 321300
P.R. China



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Vehicle Approval and Information

Type-approval number: e4*2002/24*1690*00

The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle type described above, for which one or several representative samples, selected by the competent approval authorities, has (have) been submitted as prototype(s) of the vehicle type and that the attached test results are applicable to the vehicle type.

The vehicle type meets ~~does not meet~~¹⁾ the technical requirements of all relevant separate Directives (as last amended) listed in the table of Annex I to Directive 2002/24/EC.

The approval is granted ~~refused~~ ~~withdrawn~~²⁾

Place: Zoetermeer

Signature



J.C.M. Hoes

Date: 11-MARCH-2008

- Attachments:
- Information document, Parts 1 and 2 (Annex II).
 - Test results (Annex VII).
 - Name(s) and specimen(s) of the signature of the persons authorised to sign the certificates of conformity and a statement of their position in the company.
 - A model certificate of conformity.

Delete where not applicable.

According to the classification introduced in Article 3

Type-approval number: e4*2002/24*1690*00

ANNEX VII
TEST RESULTS

(Article 5(1), first subparagraph)

In each case, the information must make clear to which variant and version it is applicable. One version may not have more than one result.

1. Results of the sound level tests.

Number of the base Directive and latest amending Directive applicable to the approval.
In the case of a Directive with two or more implementation stages, indicate also the implementation stage:

97/24/EC chapter 9 amend. 2006/120/EC

Variant/version	---	---	---
Moving dB(A)	---	---	---
Stationary dB(A)	---	---	---
at (min ⁻¹)	---	---	---

2. Results of the exhaust emission tests.

Number of the base Directive and latest amending Directive applicable to the approval.
In the case of a Directive with two or more implementation stages, indicate also the implementation stage:

97/24/EC amend. 2006/120/EC chapter 5, (---)

Variant/version	---	---	---
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2.1. Type I

CO (g/km)	---	---	---
HC (g/km) ⁽¹⁾	---	---	---
NO _x (g/km) ⁽¹⁾	---	---	---
HC + NO _x (g/km) ⁽²⁾	---	---	---

2.2. Type II

CO (g/min) ⁽²⁾	---	---	---
HC (g/min) ⁽²⁾	---	---	---
CO (% vol) at normal idle speed ⁽¹⁾	---	---	---
Specify the idle speed ⁽¹⁾ ⁽³⁾ (min ⁻¹)	---	---	---
CO (% vol) at high idle speed ⁽¹⁾	---	---	---
Specify the idle speed ⁽¹⁾ ⁽³⁾ (min ⁻¹)	---	---	---
Engine oil temperature ⁽¹⁾ ⁽⁴⁾	---	---	---

3. Compression ignition engine

Variant/version	---	---	---
Corrected value of absorption coefficient (m ⁻¹)	---	---	---

⁽¹⁾ Only for motorcycles and motor tricycles and for quadricycles as defined in Article 1, paragraph 3(b)

⁽²⁾ Only for mopeds and for light quadricycles as defined in Article 1, paragraph 3(a)

⁽³⁾ Mention the measurement tolerance

⁽⁴⁾ Applicable for four-stroke engines only



QUNSHENG GROUP CO., LTD.
 No. 59, Yongtuo Road, Yongkang, Zhejiang,
 P.R. China

Additional Information

- 1 Number of axles: 2 and wheels 2 3 Wheel base 1283 mm
 6.1 Length: 1870 mm 7.1 Width: 880 mm 8 Height: 1085 mm
 12.1 Mass of the vehicle (with bodywork) in running order 106 kg
 12.2 Unladen mass of the vehicle 106 kg
 14.1 Technically permissible maximum laden mass 286 kg
 14.2 Distribution of this mass among the axles 1. 108 kg 2. 160 kg
 14.3 Technically permissible mass on each axle 1. 195 kg 2. 195 kg
 17. Maximum mass of trailer: (braked) --- kg (unbraked) --- kg
 19.1. Maximum vertical load at the coupling point for a trailer --- kg
 20. Engine manufacturer Qunsheng Group Co., Ltd
 21. Engine type as marked on the engine QSBW06A
 21.2 Engine number:
 22 Working principle electric/ ~~spark ignition~~ / ~~compression ignition, four~~ / ~~two stroke~~
 23 Number and arrangement of cylinders ---
 24. Cylinder capacity: --- m³ 25. Fuel: ---
 26. Maximum net power or maximum continuous rated power as applicable: 1.88 kW at --- min⁻¹
 26.1 Ratio: maximum net power or maximum continuous rated power/mass of the vehicle in running order: 0.018(kW/kg)
 28. Gearbox (type) n a
 29. Gear ratios 1:1
 32. Tyre size designation Axle 1: 3.50-10 51J Axle 2: 3.50-10 51J
 37. Body: yes/no
 41. Number and configuration of doors: not applicable
 42.1 Number and position of seats 2, r1: 1C, r2: 1C
 43.1 Approval mark of coupling device, if fitted: not applicable
 44. Maximum speed: 45 km/h
 45. Sound level 97/24/EC amend. 2006/120/EC chapter 9
 Stationary --- dB(A) at engine speed --- min⁻¹
 Drive-by: --- dB(A)
 46. Exhaust emissions: 97/24/EC amend. 2006/120/EC chapter 5
 Type I test CO --- g/km HC --- g/km
 NO_x: --- g/km HC+NO_x --- g/km
 Type II test: for mopeds CO: --- g/min HC --- g/min
 for motorcycles and tricycles: CO: --- % vol
 Visible air pollution caused by an engine with compression ignition: ---
 — corrected value of absorption coefficient: --- m⁻¹
 47. Fiscal power or national code number (s)
 Italy: France Spain
 Belgium: Germany Luxembourg
 Denmark: Netherlands Greece
 United kingdom: Ireland Portugal
 Austria: Sweden Finland
 Czech Republic: Estonia Cyprus
 Latvia: Lithuania Hungary
 Malta: Poland Slovenia
 50. Remarks: ---
 51. Exemptions: ---