LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de la Mobilité
et des Travaux publics

Département de la mobilité
et des transports

SOCIÉTÉ NATIONALE DE
CERTIFICATION ET D'HOMOLOGATION
s.à r.l.

Registre de Commerce: B 27180

L-5201 Sandweiler

Référence: e13*168/2013*00869*00

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Luxembourg, le 19 juin 2020

Index du dossier de réception

Index to type-approval report

Numéro de réception UE par type: EU type-approval number:	e13*168/2013*00869*00
Révision: Revision:	01
Marque de fabrique ou de commerce: Trade name or mark:	VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO
Type: Type:	CPB
1. Procès-verbal d'essai: Test report:	N° 61VOA0013B
- Technical report:	not attached;
- Index of dossier:	Annex I1 - Page 1 & 2;
- General information:	Annex GI1 - not attached;
- List of regulatory acts:	Annex S - not attached;
- General test report:	Annex T1 - not attached;
- Detailed test reports:	Annex T2 - not attached;
	Annex T3 - not attached;
	Annex T4 - not attached;
	Annex T5 - not attached;
	Annex T6 - not attached;
	Annex T7 - not attached;
	Annex T8 - not attached;
	Annex T9 - not attached;
	Annex T10 - not attached;
	Annex T11 - not attached;
	Annex T12 - not attached;
	Annex T13 - not attached;
	Annex T14 - not attached;
	Annex T15 - not attached;
	Annex T16 - not attached;
	Annex T17 - not attached;

2. Dossier du constructeur:

Report of the manufacturer: N° Annex MID (CPB-00 Rev 01)

- Index	Page 1;
- Revision history:	Page 2;
- Manufacturer's Information folder:	refer to Index;
- Index of drawings:	Page 35;
- Technical description:	Refer to index of drawings;
- Statements of manufacturer:	Page 63 to 69;
- Signature and sample of COC:	Page 70 to 78.

3. Autres documents annexés:

Other documents annexed: not applicable

4. Date de délivrance de la réception initiale:

Date of issue of initial type approval: 05.05.2020

5. Date de la dernière délivrance de pages révisées:

Date of last issue of revised pages: 19.06.2020

6. Date de la dernière délivrance d'une réception révisée:

Date of last extension: not applicable

Compilation of Dossier No.: 61VOA0013

Extension 00

Technical report no.: 61VOA0013A page 1 to 2

Composition of Annex:

I1:	**I**ndex	page 1
GI1:	**G**eneral **I**nformation	page 1 to 6
S:	List of Regulatory Acts	page 1 to 3
T1:	General Test Report	page 1 to 16
T2:	Detailed Test Report	page 1 to 8
T3:	Detailed Test Report	page 1 to 5
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Compilation of Dossier No.: 61VOA0013

Revision 01 to Extension 00

Technical report no.: 61VOA0013B unchanged see 61VOA0013A

Composition of Annex:

I1:	**I**ndex	changed	page	1 to 2
GI1:	**G**eneral **I**nformation	unchanged see 61VOA0013A	page	1 to 6
S:	List of Regulatory Acts	unchanged see 61VOA0013A	page	1 to 3
T1:	General Test Report	unchanged see 61VOA0013A	page	1 to 16
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T3:	Detailed Test Report	unchanged see 61VOA0013A	page	1 to 5
T4:	Detailed Test Report	unchanged see 61VOA0013A	page	1
T5:	Detailed Test Report	unchanged see 61VOA0013A	page	1 to 3
T6:	Detailed Test Report	unchanged see 61VOA0013A	page	1 to 5
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T8:	Detailed Test Report	unchanged see 61VOA0013A	page	1 to 2
T9:	Detailed Test Report	unchanged see 61VOA0013A	page	1 to 2
T10:	Detailed Test Report	unchanged see 61VOA0013A	page	1
T11:	Detailed Test Report	unchanged see 61VOA0013A	page	1
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T16:	Detailed Test Report	unchanged see 61VOA0013A	page	1
T17:	Detailed Test Report	unchanged see 61VOA0013A	page	1 to 2
MID:	**M**anufacturer's **I**nformation **D**ocument	unchanged	page	1 to 58
		changed	page	59
		unchanged	page	60 to 75
		changed	page	76
		unchanged	page	77
		changed	page	78

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to be corrected:
- annex MID drawing CPB-24 Rear Registration Plate
- annex MID item 1.8. Maximum speed of vehicle in COC for Variant 2 and Variant 3

to be changed:
- the editorial arrangement

Type: CPB	SUPER SOCO	Date: 10.06.2020 Ext. : 00

EUROPEAN TYPE-APPROVAL OF TWO OR THREE-WHEEL VEHICLES AND QUADRICYCLES
(Information Folder No. CPB-00 Rev.01)

INDEX OF INFORMATION DOCUMENT

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APPENDIX	CONTENT
1	INFORMATION ON THE TYPE-APPROVAL PROCEDURE CHOSEN
2	TYPE APPROVAL NUMBERS AND TEST REPORTS OVERVIEW
3	VARIANTS AND VERSIONS MATRIX
4	INFORMATION DOCUMENT AND DRAWINGS
5	STATEMENTS ON ENDURANCE TESTING
6	STATEMENTS ON STRUCTURE INTEGRITY
7	MANUFACTURER'S CERTIFICATES PROVIDING PROOF OF COMPLIANCE TO THE TYPE APPROVAL AUTHORITY ON ACCESS TO VEHICLE ON-BOARD DIAGNOSTICS (OBD) AND TO VEHICLE REPAIR AND MAINTENANCE INFORMATION
8	DECLARATION ON POWERTRAIN TAMPERING PREVENTION MEASURES (ANTI-TAMPERING) (IF APPLICABLE)

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Type: CPB	SUPER SOCO	Date: 10.06.2020 Ext. : 00

EUROPEAN TYPE-APPROVAL OF TWO OR THREE-WHEEL VEHICLES AND QUADRICYCLES
(Information Folder No. CPB-00 Rev.01)

Document revisions history

Ext. No. / Corr. No.	Extension reason	Date
00	First application	20.04.2020
Corr. 01 to ext. 00	**to be corrected:** **- the drawing CPB-24 Rear Registration Plate** **- item 1.8. Maximum speed of vehicle in COC for Variant 2 and Variant 3**	**10/06/2020**

Type: CPB Appendix 1	SUPER SOCO	Date : 10.06.2020 Ext. : 00

Information
on the type-approval procedure chosen in accordance with Article 25(1) of Regulation (EU) No 168/2013
-Information folder sheet-

The undersigned: Shuguang Han, Manager

Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD.
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE, NANJING CITY, JIANGSU PROVINCE, CHINA

Name and address of the manufacturer's representative (if any):

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

Hereby applies for type-approval procedure:

~~(a) step-by-step type-approval~~

(b) single-step type-approval

~~(c) mixed type-approval~~

Where procedures (a) or (c) are chosen, compliance with requirements as under (b) is declared for all systems, components and separate technical units.

Multi-stage type-approval chosen in accordance with Article 25(5) of Regulation (EU) No 168/2013: ~~yes~~/no

Information on the vehicle(s) to be filled in, if application is for EU whole-vehicle type- approval:

0.1. Make (trade name of the manufacturer): VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO

0.2. Type: CPB

0.2.1. Variant(s): 0, 1, 2, 3

0.2.2. Version(s): 1

0.2.3. Commercial name(s) (if available): N.A

0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

Information on the vehicle(s) to be filled in, if application is for type-approval of a system/ component/ separate technical unit: N.A.

0.7. Make (trade name of the manufacturer): N.A

0.8. Type: N.A

0.8.1. Commercial name(s) (if available): N.A

1.6. Virtual and/or self-testing

Type: CPB Appendix 1	SUPER SOCO	Date Ext.	: :	10.06.2020 00

1.6.1. Overview list with virtual and/or self-tested systems, components or separate technical units pursuant to point 6 of Annex III to Commission Delegated Regulation (EU) No 44/2014 below: N.A.

1.6.2. Detailed report on validation of virtual and/or self-testing added: ~~yes~~/no

Place: Nanjing, China Date: 10 June.2020

Signature: Name and position in the company: Shuguang Han, Manager

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Type: CPB Appendix 2	SUPER SOCO	Date : 10.06.2020 Ext. : 00

Type-approval numbers and Test Reports overview

Item No.	subject	Type-approval number or test report number	Date of issue of the type-approval or of its extension or of the test report	Member State or contracting party issuing the type-approval or technical service issuing the test report	Reference to the regulatory act and its latest amendment	Variant(s)/ version(s)
A1	Environmental test procedures related to exhaust emissions, evaporative emissions, greenhouse gas emissions, fuel consumption and reference fuels	61VOA0013A	20.04.2020	ATE EL	(EU) No 134/2014 Annex II to VIII * (EU) 2018/295	0/1, 1/1, 2/1, 3/1
A2	Maximum design vehicle speed, maximum torque, maximum continuous total engine power of propulsion	61VOA0013A	20.04.2020	ATE EL	(EU) No 134/2014 Annex X* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
A3	Test procedures related to sound	N.A.	N.A.	N.A.	N.A.	N.A.
B1	Audible warning devices Installation	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex II* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
	Audible warning devices	E4-28R-000067	24.10.2007	Netherlands	UNECE R28 Series 00 Supplement 3	0/1, 1/1, 2/1, 3/1
B2	Braking, including anti-lock and combined brake systems	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex III* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
B3	Electrical safety	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex IV* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
B4	Manufacturer declaration requirements regarding endurance testing of functional safety-critical systems, parts and equipment	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex V* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
B5	Front and rear protective structures	N.A.	N.A.	N.A.	N.A.	N.A.
B6	Glazing, windscreen wipers and washers, and defrosting and demisting systems	N.A.	N.A.	N.A.	N.A.	N.A.
B7	Driver-operated controls including identification of controls, tell-tales and indicators	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex VIII* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1

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B8	Installation of lighting and light- signalling devices, including automatic switching of lighting	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex IX* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
	Driving beam Headlamp Passing beam Headlamp	E4*113R03/00* 28161*00	20.04.2020	Netherlands	UNECE R113 Series 03 Supplement 00	0/1, 1/1, 2/1, 3/1
	Front position lamp	E4*50R01/00* 28161*00	20.04.2020	Netherlands	UNECE R50 Series 01 Supplement 00	0/1, 1/1, 2/1, 3/1
	Front direction indicator	E4-50R-002809	28.09.2017	Netherlands	UNECE R50 Series 00 Supplement 18	0/1, 1/1, 2/1, 3/1
	Rear position lamp Stop lamp	E4*50R00/20* 27700*00	28.10.2019	Netherlands	UNECE R50 Series 00 Supplement 20	0/1, 1/1, 2/1, 3/1
	Rear registration plate lamp	E4*50R00/20* 27700*00	28.10.2019	Netherlands	UNECE R50 Series 00 Supplement 20	0/1, 1/1, 2/1, 3/1
	Rear direction indicator	E4-50R-002809	28.09.2017	Netherlands	UNECE R50 Series 00 Supplement 18	0/1, 1/1, 2/1, 3/1
	Rear retro-reflector	E9*3R02/17* 1663*01	13.11.2019	Spain	UNECE R3 Series 02 Supplement 17	0/1, 1/1, 2/1, 3/1
	Side retro-reflector	E11-03R-02 0614 Ext 01	25.05.2012	Britain	UNECE R3 Series 02 Supplement 12	0/1, 1/1, 2/1, 3/1
B9	Rearward visibility	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex X* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
	Rear-view mirrors	E4-81R-000501	14.09.2015	Netherlands	UNECE R81 Series 00 Supplement 02	0/1, 1/1, 2/1, 3/1
B10	Rollover protective structure (ROPS)	N.A.	N.A.	N.A.	N.A.	N.A.
B11	Safety-belt anchorages and safety- belts	N.A.	N.A.	N.A.	N.A.	N.A.
B12	Seating positions (saddles and seats)	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex XIII* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
B13	Steer-ability, cornering properties and turn-ability	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex XIV* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
B14	Installation of tyres	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex XV* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
	Tyres-Front(Option 1)	E4-75R-0001656	21.09.2005	Netherlands	UNECE R75 Series 00 Supplement 11(*)	0/1, 1/1, 2/1, 3/1
	Tyres-Front(Option 2)	E4*75R00/17* 05096*03	24.07.2019	Netherlands	UNECE R75 Series 00 Supplement 17	0/1, 1/1, 2/1, 3/1

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	Tyres-Rear(Option 1)	E4-75R-0009733	12.12.2013	Netherlands	UNECE R75 Series 00 Supplement 13	0/1, 1/1, 2/1, 3/1
	Tyres-Rear(Option 2)	E4*75R00/17*15428*00	22.01.2020	Netherlands	UNECE R75 Series 00 Supplement 17	0/1, 1/1, 2/1, 3/1
	Tyres-Rear(Option 3)	E4*75R00/17*15177*00	06.08.2019	Netherlands	UNECE R75 Series 00 Supplement 17	0/1, 1/1, 2/1, 3/1
B15	Vehicle maximum speed limitation plate and its location on the vehicle	N.A.	N.A.	N.A.	N.A.	N.A.
B16	Vehicle occupant protection, including interior fittings and vehicle doors	N.A.	N.A.	N.A.	N.A.	N.A.
B17	Maximum continuous total power and/or maximum vehicle speed limitation by design	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex XVIII* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
B18	Vehicle structure integrity	61VOA0013A	20.04.2020	ATE EL	(EU) No 3/2014 Annex XIX* (EU) 2016/1824	0/1, 1/1, 2/1, 3/1
C1	Anti-tampering measures	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex II* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C2	Arrangements for type-approval procedures	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex III* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C3	Conformity of production requirement	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex IV* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C4	Coupling devices and attachments	N.A.	N.A.	N.A.	N.A.	0/1, 1/1, 2/1, 3/1
C5	Devices to prevent unauthorised use	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex VI* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C6	Electromagnetic compatibility (EMC)	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex VII* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C7	External projections	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex VIII* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C8	Fuel storage	N.A.	N.A.	N.A.	N.A.	N.A.
C9	Load platforms	N.A.	N.A.	N.A.	N.A.	N.A.
C10	Masses and dimensions	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex XI* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C11	On-board diagnostics	N.A.	N.A.	N.A.	N.A.	N.A.

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C12	Passenger handholds and footrests	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex XIII* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C13	Registration plate space	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex XIV* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C14	Repair and maintenance information	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex XV* (EU) 2018/295	0/1, 1/1, 2/1, 3/1
C15	Stands	61VOA0013A	20.04.2020	ATE EL	(EU) No 44/2014 Annex XVI* (EU) 2018/295	0/1, 1/1, 2/1, 3/1

(*)The tyre fulfills the requirements of UN-ECE R75 Series 00, supplement 13

Remark: In respect of the applicable subjects for the vehicle set out in Annex II to Regulation (EU) No 168/2013.

Place: Nanjing, China Date: 10 June.2020

Signature: Name and position in the company: Shuguang Han, Manager

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Type: CPB Appendix 3	SUPER SOCO	Date : 10.06.2020 Ext. : 00

Variants and Versions matrix

Item No.	Variant	Version	Description
See Appendix 4	0	1	60V3000W, 25km/h, single battery
	1	1	60V3000W, 25km/h, double battery
	2	1	60V3000W, 45km/h, single battery
	3	1	60V3000W, 45km/h, double battery

Type: CPB	SUPER SOCO	Date:	10.06.2020
Appendix 4		Ext.:	00

INFORMATION DOCUMENT AND DRAWINGS

0. GENERAL INFORMATION

A. GENERAL INFORMATION CONCERNING VEHICLES

0.1. Make (trade name of manufacturer): VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO

0.2. Type: CPB

0.2.1. Variants: 0, 1, 2, 3

0.2.2. Versions: 1

0.2.3. Commercial name(s) (if available): N.A

0.3 Category, subcategory and sub-subcategory of vehicle: L1e-B

0.4 Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD.
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE,
NANJING CITY, JIANGSU PROVINCE, CHINA

0.4.1. Name(s) and address(es) of assembly plants:

NANJING VMOTO MANUFACTURING CO., LTD.
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE,
NANJING CITY, JIANGSU PROVINCE, CHINA

0.4.2. Name and address of manufacturer's authorised representative, if any:

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

0.5. Manufacturer's statutory plate(s):

0.5.1. Location of the manufacturer's statutory plate:

R, x=990, y=127, z=245, See the drawing of CPB-01

0.5.2. Method of attachment:

Riveted

0.5.3. Photographs and/or drawings of the statutory plate (completed example with dimensions):

See the drawing of CPB-01

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0.6. Location of the vehicle identification number:

R, x=390, y=5, z=520(r/o), See the drawing of CPB-02

0.6.1. Photographs and/or drawings of the locations of the vehicle identification number (completed example with dimensions):

See the drawing of CPB-02

0.6.1.1. The serial number of the type begins with:

Variant/Version 0/1: *LYSCPB011L1000001*
Variant/Version 1/1: *LYSCPB113L1000001*
Variant/Version 2/1: *LYSCPB215L1000001*
Variant/Version 3/1: *LYSCPB317L1000001*

B. GENERAL INFORMATION CONCERNING SYSTEMS, COMPONENTS OR SEPARATE TECHNICAL UNITS
N.A.

C. GENERAL INFORMATION REGARDING CONFORMITY OF PRODUCTION AND ACCESS TO REPAIR AND MAINTENANCE INFORMATION

0.12. Conformity of production

0.12.1. Description of overall quality-assurance management systems: ISO 9001:2015

0.13. Access to repair and maintenance information

0.13.1. Address of principal website for access to vehicle repair and maintenance information:

www.vmotosoco.com

0.13.2. In the case of multi-stage type-approval, address of principal website for access to vehicle repair and maintenance information from manufacturer(s) at previous stage(s): N.A.

Type: CPB	SUPER SOCO	Date:	10.06.2020
Appendix 4		Ext.:	00

1. GENERAL CONSTRUCTION CHARACTERISTICS

1.1. Photographs and/or drawings of a representative vehicle:

See the drawing of CPB-03

1.2. Scale drawing of the whole vehicle:

See the drawing of CPB-04

1.3. Number of axles and wheels: 2 axles /2 wheels

1.3.1. Axles with twinned wheels: N.A.

1.3.2. Powered axles: R (rear)

1.4. Chassis (if any) (overall drawing): See the drawing of CPB-05

1.5. (L2e, L5e-B, L6e-B, L7e-A2, L7e-B2, L7e-C) Material used for the bodywork: N.A.

1.6. Position and arrangement of the propulsion(s): Rear hub unilateral shaft motor

1.7. (L4e, L5e-B, L6e-B, L7e-A2, L7e-B2, L7e-C) Hand of drive: left/right/centre: N.A.

1.7.1. Vehicle is equipped to be driven in right/left-hand traffic and in countries that use metric/metric and imperial units:

Right and left-hand traffic; metric and imperial units.

1.8. Propulsion unit performance

1.8.1. (L3e, L4e, L5e, L7e-A, L7e-B2) Declared maximum vehicle speed: N.A.

1.8.2. (L1e, L2e, L6e, L7e-B1, L7e-C) Maximum design vehicle speed:

Variant 0, 1: 25 km/h
Variant 2, 3: 45 km/h

1.8.3. Maximum net power combustion engine: N.A.

1.8.4. Maximum net torque combustion engine: N.A.

1.8.5. Maximum continuous-rated power electric motor (~~15~~/30 minutes power):

Variant 0, 1: 3.0 kW at 250 min^{-1}
Variant 2, 3: 3.0 kW at 440 min^{-1}

1.8.6. Maximum continuous-rated torque electric motor:

Variant 0, 1: 108.0 N.m at 250 min^{-1}
Variant 2, 3: 65.0 N.m at 440 min^{-1}

1.8.7. Maximum continuous total power for propulsion(s): N.A.

1.8.8. Maximum continuous total torque for propulsion(s): N.A.

1.8.9. Maximum peak power for propulsion(s):

Variant 0, 1: 3.1 kW at 290 min^{-1}
Variant 2, 3: 3.3 kW at 430 min^{-1}

2.1. Range of vehicle mass (overall)

2.1.1. Mass in running order:

107 kg

2.1.1.1. Distribution of mass in running order between the axles:

Front axle: 39 kg
Rear axle: 68 kg

2.1.2. Actual mass:

Variant 0, 2: 200 kg
Variant 1, 3: 218 kg

2.1.2.1. Distribution of actual mass between the axles:

Front axle:

Variant 0, 2: 72 kg
Variant 1, 3: 81 kg

Rear axle:

Variant 0, 2: 128 kg
Variant 1, 3: 137 kg

2.1.3. Technically permissible maximum laden mass: 300 kg

2.1.3.1. Technically permissible maximum mass on front axle: 105 kg

2.1.3.2. Technically permissible maximum mass on rear axle: 195 kg

2.1.3.3. (L4e) Technically permissible maximum mass on sidecar axle: N.A.

2.1.4. Maximum hill-starting ability at the maximum technically permissible mass declared by the manufacturer:

26% slope

2.1.5. Maximum pay mass declared by manufacturer:

Variant 0, 2: 100 kg,
Variant 1, 3: 82 kg

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2.1.6. Safe load carrying capacity of load platform declared by manufacturer: N.A.

2.1.7. Technically permissible maximum towable mass in case of: 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.

2.1.8. Mass of the optional equipment: 0 kg

2.1.9. Mass of the superstructure: N.A.

2.1.10. Mass of the propulsion battery:

Variant 0, 2: 18 kg,
Variant 1, 3: 18 kg*2

2.1.11. (L2e, L4e, L5e, L6e, L7e) Mass of the doors: N.A.

2.1.12. (L2e-U, L5e-B, L6e-BU, L7e-CU) Mass of the machines or equipment installed on the load platform area: N.A.

2.1.13. Mass of the gaseous fuel system as well as storage tanks for gaseous fuel: N.A.

2.1.14. Mass of the storage tanks to store compressed air: N.A.

2.2. Range of vehicle dimensions (overall)

2.2.1. Length: See the drawing of CPB-04

2.2.2. Width: See the drawing of CPB-04

2.2.3. Height: See the drawing of CPB-04

2.2.4. Wheelbase: See the drawing of CPB-04

2.2.4.1. (L4e) Wheelbase sidecar: N.A.

2.2.5. Track width

2.2.5.1. (L1e — L7e if equipped with twinned wheels L2e, L4e, L5e, L6e, L7e)
Track width front: N.A.

2.2.5.2. (L1e — L7e if equipped with twinned wheels L2e, L4e, L5e, L6e, L7e)
Track width rear: N.A.

2.2.5.3. (L4e) Track width sidecar: N.A.

2.2.6. (L7e-B) Front overhang: N.A.

2.2.7. (L7e-B) Rear overhang: N.A.

2.2.8. Load platform dimensions

2.2.8.1. (L2e-U, L5e-B, L6e-BU, L7e-B2, L7e-CU) Length of the load platform: N.A.

2.2.8.2. (L2e-U, L5e-B, L6e-BU, L7e-B2, L7e-CU) Width of load platform: N.A.

2.2.8.3. (L2e-U, L5e-B, L6e-BU, L7e-B2, L7e-CU) Height of load platform: N.A.

2.2.9. Centre of gravity

2.2.9.1. (L2e-U, L5e-B, L6e-BU, L7e-B2, L7e-CU) Location of the centre of gravity forward of the rear axle Lcg: N.A.

2.2.9.2. (L2e-U, L5e-B, L6e-BU, L7e-B2, L7e-CU) Location of the centre of gravity above the ground plane Hcg: N.A.

2.2.9.3. (L2e-U, L5e-B, L6e-BU, L7e-B2, L7e-CU) Location centre of gravity of loaded platform forward of the rear axle LcgLP: N.A.

2.2.10. Miscellaneous dimensions

2.2.10.1. (L7e-B2) Approach angle: N.A.

2.2.10.2. (L7e-B2) Departure angle: N.A.

2.2.10.3. (L7e-B2) Ramp angle: N.A.

2.2.10.4. (L7e-B2) Ground clearance under the front axle: N.A.

2.2.10.5. (L7e-B2) Ground clearance under the rear axle: N.A.

2.2.10.6. (L3e-AxE (x=1, 2 or 3), L3e-AxT (x=1, 2 or 3), L7e-B) Ground clearance between the axles: N.A.

2.2.10.7. (L7e-B) Wheelbase to ground clearance ratio: N.A.

2.2.10.8. (L7e-B2) Static stability coefficient — Kst: N.A.

2.2.10.9. (L3e-AxE, L3e-AxT) Seat height: N.A.

2.2.10.10. (L3e-AxE, L3e-AxT) Ground clearance: N.A.

3. GENERAL POWERTRAIN CHARACTERISTICS

3.1. Manufacturer of the propulsion unit

3.1.1. Combustion engine: N.A.

3.1.2. Electric motor

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3.1.2.1. Manufacturer:

Taizhou Quanshun Motor Co., Ltd.

3.1.2.2. Electric motor code (as marked on the engine or other means of identification):

14ZW6046362YA03

3.1.3. Hybrid application: N.A.

3.2. Combustion engine: N.A.

3.3. Pure electric and hybrid electric propulsion and control

3.3.1. Electric vehicle configuration: pure electric/~~hybrid electric/manpower – electric~~

3.3.2. Brief description and schematic drawing of pure and hybrid electric propulsions and its control systems:

See the drawing of CPB-06

3.3.3. Electric propulsion motor

3.3.3.1. Number of electric motors for propulsion: 1

3.3.3.2. Type (winding, excitation): winding

3.3.3.3. Operating voltage: 60 V

3.3.3.4. ~~15~~/30 minutes power:

Variant 0, 1: 3.0 kW at 250 min^{-1}
Variant 2, 3: 3.0 kW at 440 min^{-1}

3.3.4. Propulsion batteries

3.3.4.1. Primary propulsion battery

3.3.4.1.1. Number of cells:

Variant 0, 2: 1,
Variant 1, 3: 2

3.3.4.1.2. Mass:

Variant 0, 2: 18 kg,
Variant 1, 3: 18 kg*2

3.3.4.1.3. Capacity:

Variant 0, 2: 45 Ah,
Variant 1, 3: 45 Ah*2

3.3.4.1.4. Voltage: 60 V

3.3.4.1.5. Position in the vehicle:

See the drawing of CPB- 07

3.3.4.2. Secondary propulsion battery: N.A.

3.3.5. Hybrid electric vehicle: N.A.

3.3.6. Energy storage device

3.3.6.1. Description: (battery, ~~capacitor, flywheel/generator~~)

3.3.6.2. Identification number: 60V45Ah

*3.3.6.3. Kind of electrochemical couple: lithium battery

3.3.6.4. Energy (for battery: voltage and capacity Ah in 2h, for capacitor: J,..., for flywheel/generator: J,…,):

45Ah, 60V

3.3.6.5. Charger: ~~on-board~~/external/~~without~~

3.3.7. Electric motor (describe each type of electric motor separately)

3.3.7.1. Primary use: propulsion motor/~~generator~~

3.3.7.2. When used as propulsion motor: single-motor

3.3.7.3. Working principle:

The motor is a brushless DC motor，Outer rotor connected to tire direct drive

3.3.7.4. Direct current/alternating current/number of phases: Direct current

3.3.7.5. Separate excitation/series/compound: N.A

3.3.7.6. Synchronous/asynchronous: Asynchronous

3.3.8. Electric motor control unit

3.3.8.1. Identification number:

Make: Nanjing Lingbo Electronic Technology Co., Ltd.
Type:
Variant 0, 1: LBMC072182H300EC-0
Variant 2, 3: LBMC072182H300EC-1

3.3.9. Power controller

3.3.9.1. Identification number: N.A

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3.4. Other engines, electric motors or combinations
(specific information concerning the parts of these motors)

3.4.1. Cooling system (temperatures permitted by the manufacturer): N.A.

3.4.1.1. Liquid cooling: N.A.

3.4.1.1.1. Maximum temperature at outlet: N.A.

3.4.1.2. Air cooling: N.A.

3.4.1.2.1. Reference point: N.A.

3.4.1.2.2. Maximum temperature at reference point: N.A.

3.4.2. Lubrication system: N.A.

3.4.2.1. Description of lubrication system: N.A.

3.4.2.2. Location of oil reservoir (if any): N.A.

3.4.2.3. Feed system (pump/injection into induction system/mixed with the fuel, etc.): N.A.

3.4.2.4. Lubricant mixed with the fuel: N.A.

3.4.2.4.1. Percentage: N.A.

3.4.2.5. Oil cooler: ~~yes/no~~ N.A.

3.5. Drive-train control

3.5.1. Brief description and schematic drawing of the vehicle drive-train and its control system (gear shift control, clutch control or any other element of drive-train):

See the drawing of CPB-08

3.5.2. Clutch

3.5.2.1. Brief description and schematic drawing of the clutch and its control system:

N.A.

3.5.3. Transmission

3.5.3.1. Brief description and schematic drawing of gear shift system(s) and its control:

N.A.

3.5.3.2. Drawing of the transmission: N.A.

3.5.3.3. Type (~~mechanical, hydraulic, electric, manual/manual automated/automatic/CVT~~ /other (indicate).): wheel hub engine(motor).

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3.5.3.4 . A brief description of the electrical/electronic components (if any): N.A.

3.5.3.5. Location relative to the engine: N.A.

3.5.3.6. Method of control: ~~by hand/foot~~

3.5.4. Gear ratios: N.A.

3.5.4.1. (L3e-AxE, L3e-AxT) Final drive ratio: N.A.

3.5.4.2. (L3e-AxE, L3e-AxT) Overall gear ratio in highest gear: N.A.

3.6. Safe-cornering device: N.A.

3.7. Suspension and control

3.7.1. Brief description and schematic drawing of suspension and its control system:

See the drawing of CPB-09, CPB-10

3.7.2. Drawing of the suspension arrangements:

See the drawing of CPB-09, CPB-10

3.7.3. Level adjustment: ~~yes/~~ no~~/ optional~~

3.7.4. Brief description of the electrical/electronic components: N.A.

3.7.5. Stabilisers: ~~yes/~~ no~~/ optional~~

3.7.6. Shock absorbers: yes~~/ no/ optional~~

3.8. Passenger-compartment heating system and air-conditioning: N.A.

3.9. Cycles designed to pedal: N.A.

4. GENERAL INFORMATION ON ENVIRONMENTAL AND PROPULSION PERFORMANCE

4.0. General information on environmental and propulsion performance

4.0.1. Environmental step: Euro ~~3/ 4 /5/5+~~ N.A.

4.0.2 Fuel consumption (provide details for each reference fuel tested): N.A.

4.0.3 CO_2 emissions: N.A.

4.0.4 Energy consumption:

Variant 0: 34 Wh/km
Variant 1: 30 Wh/km
Variant 2: 32 Wh/km
Variant 3: 34 Wh/km

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4.0.5 Electric range:

Variant 0: 91 km
Variant 1: 186 km
Variant 2: 69 km
Variant 3: 170 km

4.1. Tailpipe emission-control system: N.A.

4.2. Crankcase emission control system: N.A.

4.3. Evaporative emission control system: N.A.

4.4. Additional information on environmental and propulsion unit performance: N.A.

5. VEHICLE PROPULSION FAMILY: N.A.

5.1. To define the vehicle propulsion family, the manufacturer shall submit the information required for classification criteria set out in point 3 of Annex XI to Commission Delegated Regulation (EU) No 134/2014, if not already provided in the information document: N.A.

6. INFORMATION ON FUNCTIONAL SAFETY

6.1. Audible warning devices

6.1.1. Summary description of device(s) used and their purpose:

Make	Type	Approval Number	Description
LI XIANG	DL128	E4-28R-000067	Electro-magnetic with resonator disc, single-tone

6.1.2. Drawing(s) showing the location of the audible warning device(s) in relation to the structure of the vehicle:

See the drawing of CPB-11

6.1.3. Details of the method of attachment, including the part of the vehicle structure to which the audible warning device(s) is (are) attached:

See the drawing of CPB-11

6.1.4. Electrical/pneumatic circuit diagram: See the drawing of CPB-12

6.1.4.1. Voltage: ~~AC/~~DC

6.1.4.2. Rated voltage pressure: 12V

6.1.5. Drawing of the mounting device: See the drawing of CPB-11

6.2. Braking, including anti-lock and combined braking systems

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6.2.1. Characteristics of the brakes, including details and drawings of the drums, discs, hoses, make and type of shoe/pad assemblies and/or linings, effective braking areas, radius of drums, shoes or discs, mass of drums, adjustment devices, relevant parts of the axle(s) and suspension, levers, pedals:

See the drawing of CPB-13, CPB-14, CPB-15

6.2.2. Operating diagram, description and/or drawing of the braking system, including details and drawings of the transmission and controls as well as a brief description of the electrical and/or electronic components used in the braking system:

See the drawing of CPB-13, CPB-14, CPB-15

6.2.2.1. Front, rear ~~and sidecar~~ brakes, disc and/or drum:

Front: disc
Rear: disc

6.2.2.2. Parking braking system: N.A.

6.2.2.3. Any additional braking system: N.A.

6.2.3. Vehicle is equipped to tow a trailer with no brake/overrun brake/electric/ pneumatic/hydraulic service brakes: N.A.

6.2.4. Anti-lock/Combined braking system

6.2.4.1. Anti-lock braking system: ~~yes/~~ no~~/ optional~~

6.2.4.2. Combined braking system: yes~~/ no/ optional~~

6.2.4.3. Anti-lock and combined braking system: ~~yes/~~ no~~/ optional~~

6.2.4.4. Schematic drawing(s): N.A

6.2.5. Hydraulic reservoir(s) (volume and location):

See the drawing of CPB-13, CPB-14, CPB-15

6.2.6. Particular characteristics of the braking system(s)

6.2.6.1. Brake shoes and/or pads:

See the drawing of CPB-13, CPB-14, CPB-15

6.2.6.2. Linings and/or pads (indicate make, type, grade of material or identification mark):

See the drawing of CPB-13, CPB-14, CPB-15

6.2.6.3. Brake levers and/or pedals:

See the drawing of CPB-13, CPB-14, CPB-15

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6.2.6.4. Other devices (where applicable): drawing and description: N.A.

6.3. Electrical safety:

6.3.1. Brief description of the power circuit components installation and drawings/photographs showing the location of the power circuit components installation:

See the drawing of CPB-16

6.3.2. Schematic diagram of all electrical functions included in power circuit:

See the drawing of CPB-16

6.3.3. Working voltage(s): 60 V

6.3.4. Description of protection against electric-shocks: N.A.

6.3.5. Fuse and/or circuit breaker: yes/~~no~~/~~optional~~

6.3.5.1. Diagram showing the functional range: 60A

6.3.6. Configuration of power wiring harness: See the drawing of CPB-16

6.4. Front and rear protective structures: N.A.

6.5. Glazing, windscreen wipers and washers, and defrosting and demisting systems: N.A.

6.6. Windscreen wiper(s): N.A.

6.7. Windscreen washer: N.A.

6.8. Defrosting and demisting: N.A.

6.9. Driver-operated controls including identification of controls, tell- tales and indicators

6.9.1. Arrangement and identification of controls, tell-tales and indicators:

See the drawing of CPB-17

6.9.2. Photographs and/or drawings of the arrangement of symbols and controls, tell-tales and indicators:

See the drawing of CPB-17

6.9.3. Controls, tell-tales and indicators for which, when fitted, identification is mandatory, including the identification symbols to be used for that purpose: See table 6.9.4.

6.9.4. Summary table: the vehicle is equipped with the following driver-operated controls, including indicators and tell-tales: See table 6.9.4.

6.9.5. Controls, tell-tales and indicators for which, when fitted, identification is optional, and symbols which shall be used if they are to be identified: See table 6.9.5.

6.10. Speedometer and odometer

6.10.1. Speedometer

6.10.1.1. Photographs and/or drawings of the complete system:

See the drawing of CPB-18

6.10.1.2. Vehicle speed range displayed: 0~199 km/h, 0~124 mph

6.10.1.3. Tolerance of the measuring mechanism of the speedometer:

0-10%

6.10.1.4. Technical constant of the speedometer: 1 V=1.21 km/h

6.10.1.5. Method of operation and description of the drive mechanism:

Directly connect to the controller, to drive speedometer through the signal from controller.

6.10.1.6. Overall transmission ratio of the drive mechanism: N.A

6.10.2. Odometer

6.10.2.1. Tolerance of the measuring mechanism of the odometer: 0~10%

6.10.2.2. Method of operation and description of the drive mechanism:

Directly connect to the controller, to drive odometer through the signal from controller.

6.11. Installation of lighting, light-signaling devices, including automatic switching of lighting

6.11.1. List of all devices (mentioning the number, make(s), type, component type- approval mark(s), the maximum intensity of the main-beam headlamps, colour, the corresponding tell-tale): See table 6.11.1.

6.11.2. Diagram showing the location of the lighting and light-signaling devices:

See the drawing of CPB-19

6.11.3. Hazard warning lamps: N.A

6.11.4. Brief description of the electrical and/or electronic components used in the lighting system and in the light-signaling system: N.A.

6.11.5. For every lamp and reflector, supply the following information (in writing and/or by diagram):

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6.11.5.1. Drawing showing the extent of the illuminating surface:

See lightings component type-approval

6.11.5.2. Method used to define the apparent surface in accordance with point 2.10 of UNECE Regulation No 48 (OJ L 323, 6.12.2011, p. 46): The light-emitting surface

6.11.5.3. Axis of reference and centre of reference: See lighting component type-approval

6.11.5.4. Method of operation of concealable lamps: N.A.

6.11.6. Description/drawing and type of headlamp leveling device (e.g. automatic, stepwise manually adjustable, continuously manually adjustable): N.A.

6.11.6.1. Control device: N.A.

6.11.6.2. Reference marks: N.A.

6.11.6.3. Marks assigned for loading conditions: N.A.

6.12. Rearward visibility

6.12.1. Rear-view mirrors (stating for each mirror)

6.12.1.1. Drawing(s) for the identification of the mirror showing the position of the mirror relative to the vehicle structure:

See the drawing of CPB-20

6.12.1.2. Details of the method of attachment including that part of the vehicle structure to which it is attached

Fixed on handle with double thread bush.
Rear-view mirror rotation in every sense of rotation.

6.12.1.3. A brief description of the electronic components of the adjustment system: N.A.

6.12.2. Devices for indirect vision other than mirrors: N.A.

6.12.2.1. Description of the device: N.A.

6.12.2.2. In the case of a camera-monitor device, the detection distance (mm), contrast, luminance range, glare correction, display performance (black and white/colour), image repetition frequency, luminance reach of the monitor: N.A.

6.12.2.3. Sufficiently detailed drawings to identify the complete device, including installation instructions; the position for the EU type-approval mark has to be indicated on the drawings: N.A.

6.13. Rollover protective structure (ROPS): N.A.

6.14. Safety belts and/or other restraints: N.A.

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6.15. Safety belt anchorages: N.A.

6.16. Seating positions (saddles and seats)

6.16.1. Number of positions: 2, r1: 1C, r2: 1C

6.16.1.1. (L2e, L5e, L6e, L7e) Location and arrangement: N.A.

6.16.2. Seating position configuration: ~~seat/~~saddle

6.16.3. Description and drawings of:

6.16.3.1. The seats and their anchorages: N.A.

6.16.3.2. The adjustment system: N.A.

6.16.3.3. The displacement and locking systems: N.A.

6.16.3.4. The seat-belt anchorages incorporated in the seat structure: N.A.

6.16.3.5. The parts of the vehicle used as anchorages: N.A.

6.16.4. (L2e, L4e, L5e-B, L6e-B, L7e) Coordinates or drawing of the R-point(s) of all seating positions: N.A.

6.16.4.1. (L2e, L4e, L5e-B, L6e-B, L7e) Driver's seat: N.A.

6.16.4.2. (L2e, L4e, L5e-B, L6e-B, L7e) All other seating positions: N.A.

6.16.5. Design torso angle: N.A.

6.16.5.1. Driver's seat: N.A.

6.16.5.2. All other seating positions: N.A.

6.16.6. Range of seat adjustment: N.A.

6.16.6.1. Driver's seat: N.A.

6.16.6.2. All other seating positions: N.A.

6.17. Steer-ability, cornering properties and turn-ability

6.17.1. Schematic diagram of steered axle(s) showing steering geometry:

See the drawing of CPB-21

6.17.2. Transmission and control of steering

6.17.2.1. Configuration of steering transmission (specify for front and rear):

See the drawing of CPB-21

6.17.2.2. Linkage to wheels (including other than mechanical means; specify for front and rear): See the drawing of CPB-21

6.17.2.2.1. A brief description of the electrical/electronic components: N.A.

6.17.2.3. Diagram of the steering transmission: See the drawing of CPB-21

6.17.2.4. (L2e, L5e, L6e, L7e) Schematic diagram(s) of the steering control(s): N.A.

6.17.2.5. (L2e, L5e, L6e, L7e) Range and method of adjustment of the steering control(s): N.A.

6.17.2.6. (L2e, L5e, L6e, L7e) Method of assistance: N.A.

6.17.3. Maximum steering angle of the wheels

6.17.3.1. To the right: 40°; ~~number of turns of the steering wheel (or equivalent data):~~

6.17.3.2. To the left: 40°; ~~number of turns of the steering wheel (or equivalent data):~~

6.18. Tyres/wheels combination:

6.18.1. Tyres:

6.18.1.1. Size designation

6.18.1.1.1. Axle 1: See table 6.18.

6.18.1.1.2. Axle 2: See table 6.18.

6.18.1.1.3. (L4e) Sidecar wheel: N.A.

6.18.1.2. Minimum load-capacity index:

Front: 30
Rear: 51

6.18.1.3. Minimum-speed category symbol compatible with the theoretical maximum design vehicle speed: B

6.18.1.4. Tyre pressure(s) as recommended by the vehicle manufacturer: See table 6.18.

6.18.2. Wheels:

6.18.2.1. Rim size(s): See table 6.18.

6.18.2.2. Categories of use compatible with the vehicle: Normal

6.18.2.3. Nominal rolling circumference: See table 6.18.

6.19. Vehicle maximum speed limitation plate and its location on the vehicle: N.A.

6.20. Vehicle occupant protection, including interior fittings and vehicle doors: N.A.

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6.21. Maximum continuous total power and/or maximum vehicle speed limitation by design.

6.21.1. Propulsion and/or drive-train output governors:

6.21.1.1. Number (minimum two, exemption L3e-A3 and L4e-A3): Two

6.21.1.2. How is the redundancy of governors ensured:

(1) reduction of the maximum power output of one electric motors based on the vehicle or rotation speed as sensed internally to the electric motor
(2) reduction of the maximum power output of one or more electric motors based on the actual vehicle speed as sensed fully externally to the electric motor

6.21.1.3. Nominal cut-off point no 1:

6.21.1.3.1. Engine/motor/drive-train rotation speed at which cut-off starts under load:

Variant 0, 1: 250 min^{-1}
Variant 2, 3: 450 min^{-1}

6.21.1.3.2. Maximum rotation speed at the minimum engine load:

Variant 0, 1: 250 min^{-1}
Variant 2, 3: 450 min^{-1}

6.21.1.4. Nominal cut-off point no 2:

6.21.1.4.1. Engine/motor/drive-train rotation speed at which cut-off starts under load:

Variant 0, 1: 250 min^{-1}
Variant 2, 3: 450 min^{-1}

6.21.1.4.2. Maximum rotation speed at the minimum engine load:

Variant 0, 1: 250 min^{-1}
Variant 2, 3: 450 min^{-1}

6.21.1.5. The stated purpose of governor(s): maximum design vehicle speed limitation/~~maximum power limitation/engine over-speed protection~~

7. INFORMATION ON VEHICLE CONSTRUCTION

7.1. Coupling devices and attachments: N.A.

7.1.1. L-category vehicle equipped with coupling device: ~~yes/no/optional~~ N.A.

7.1.2. Guidelines and information for consumers in all EU languages regarding the impact on the driveability of using a trailer with an L-category vehicle included in the owner's manual: ~~yes/no~~ N.A.

7.1.3. For coupling-device approved as separate technical unit: installation and operating instructions added to documentation: ~~yes/no~~ N.A.

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7.1.4. Photographs and/or drawings showing the position and the construction of the coupling-devices: ~~yes/no~~ N.A.

7.1.5. Instructions for attaching the coupling-type to the vehicle and photographs or drawings of the fixing points on the vehicle as stated by the manufacturer; additional information, if the use of the coupling-type is restricted to certain variants or versions of the vehicle type: N.A.

7.1.6. Attachment points for a secondary coupling and/or breakaway cable (drawings and pictures may be used as appropriate): ~~yes/no~~ N.A.

7.2. Devices to prevent unauthorised use

7.2.1. Protective device

7.2.1.1. Summary description of protective device(s) used:

Steering lock acting positively on the steering at the same time the device switching off engine of the vehicle.
See the drawing of CPB-22

7.2.2. Vehicle immobiliser:

7.2.2.1. Technical description of the vehicle immobiliser and of the measures taken against inadvertent activation: N.A

7.2.3. Alarm system: N.A

7.2.3.1. Description of the alarm system and of the vehicle parts involved in installation: N.A

7.2.3.2. List of the main components comprising the alarm system: N.A

7.3. Electromagnetic compatibility (EMC)

7.3.1. Requirements under UNECE Regulation No 10 (OJ L 254, 20.9.2012, p. 1) are met with relevant documentation included in the information document: N.A.

7.3.2. Table or drawing of radio-interference control equipment:

See the drawing of CPB-16

7.3.3. Particulars of the nominal value of the direct-current resistance, and, in the case of resistive ignition cables, of their nominal resistance per metre: N.A

7.4. External projections

7.4.1. (L1e-L7e vehicles with bodywork)
General arrangement (drawing or photographs accompanied if necessary by dimensional details and/or text) indicating the position of the attached sections and views, of any parts of the exterior surface which can be regarded as critical for external projections, for example, and where relevant: bumpers, floor line, door and window pillars, air-intake grilles, radiator grille, windscreen wipers, rain gutter channels, handles, slide rails, flaps, door hinges and locks, hooks, eyes, winches, decorative trim, badges, emblems and recesses and any other parts of the exterior surface which can be regarded as critical (e.g. lighting equipment): N.A.

7.5. Fuel storage

7.5.1. Fuel tank(s)

7.5.2. Compressed natural gas (CNG) container(s): N.A.

7.5.3. Liquefied petroleum gas (LPG) container(s): N.A.

7.6. On-board diagnostics (OBD) functional requirements: N.A.

7.7. Passenger handholds and footrests

7.7.1. Handholds

7.7.1.1. Configuration: ~~strap and/or~~ handle.

7.7.1.3. Photographs and/or drawings showing the location and the construction:

See the drawing of CPB-27

7.7.2. Footrests

7.7.2.1. Photographs and/or drawings showing the location and the construction:

See the drawing of CPB-23

7.8. Registration plate space

7.8.1. Location of rear registration plate (indicate variants where necessary; drawings may be used as appropriate):

See the drawing of **CPB-24**

7.8.1.1. Height above road surface, upper edge: See the drawing of **CPB-24**

7.8.1.2. Height above road surface, lower edge: See the drawing of **CPB-24**

7.8.1.3. Distance of the centre line from the longitudinal median plane of the vehicle: 0

7.8.1.4. Dimensions (length x width): See the drawing of **CPB-24**

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7.8.1.5. Inclination of the plane to the vertical: See the drawing of **CPB-24**

7.8.1.6. Angle of visibility in the horizontal plane:

To the left and to the right of the plate of 30°and more.

7.9. Stands

7.9.1. (L1e, L3e) Configuration: Centre and side

7.9.2. (L1e, L3e) Construction material used: Steel

7.9.3. (L1e, L3e) Photographs and drawings showing the location of the stand(s) in relation to the structure of the vehicle:

See the drawing of CPB-25, CPB-26

7.9.4. (L1e, L3e) Description of the method to prevent contact of the stand with the ground when the vehicle is being propelled :

Side stand switch and automatically retracted centre stand

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Table 6.9.4.
Controls, tell-tales and indicators for which, when fitted, identification is mandatory, and symbols to be used for that purpose

Symbol No.	Device	Control /indicator available (*)	Identified by symbol(*)	Where (**)	Tell-tale available (*)	Identified by symbol(*)	Where (**)
1	Maser light	-	-	-	-	-	-
2	Dipped-beam head lamps	x	x	c	-	-	-
3	Main-beam head lamps	x	x	c	x	x	d
4	Position (side) lamps	-	-	-	-	-	-
5	Front fog lamps	-	-	-	-	-	-
6	Rear fog lamps	-	-	-	-	-	-
7	Headlamp leveling device	-	-	-	-	-	-
8	Parking lamps	-	-	-	x	x	d
9	Direction indicators	x	x	c	x	x	d
10	Hazard warning	-	-	-	-	-	-
11	Windscreen wiper	-	-	-	-	-	-
12	Windscreen washer	-	-	-	-	-	-
13	Windscreen wiper and washer	-	-	-	-	-	-
14	Headlamp cleaning device	-	-	-	-	-	-
15	Windscreen demisting and defrosting	-	-	-	-	-	-
16	Rear window demisting and defrosting	-	-	-	-	-	-
17	Ventilating fan	-	-	-	-	-	-
18	Diesel pre-heat	-	-	-	-	-	-
19	Choke	-	-	-	-	-	-
20	Brake failure	-	-	-	-	-	-
21	Fuel level		-	-	-	-	-
22	Battery charging condition	x	x	d	-	-	-
23	Engine coolant temperature	-	-	-	-	-	-
24	Malfunction indicator light (MI)	-	-	-	x	x	d

(*) x = yes
- = no or not separately available
o = optional
(**) d = directly on control, indicator or tell-tale
c = in close vicinity

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Table 6.9.5.
Controls, tell-tales and indicators for which, when fitted, identification is optional, and symbols which shall be used if they are to be identified

Symbol No.	Device	Control /indicator available (*)	Identified by symbol(*)	Where (**)	Tell-tale available (*)	Identified by symbol(*)	Where (**)
1	Parking brake	-	-	-	x	x	d
2	Rear window wiper	-	-	-	-	-	-
3	Rear window washer	-	-	-	-	-	-
4	Rear window wiper and washer	-	-	-	-	-	-
5	Intermittent windscreen wiper	-	-	-	-	-	-
6	Audible warning device (horn)	x	x	d	-	-	-
7	Front hood (bonnet)	-	-	-	-	-	-
8	Rear hood (boot)	-	-	-	-	-	-
9	Seat belt	-	-	-	-	-	-
10	Engine oil pressure	-	-	-	-	-	-
11	Unleaded petrol	-	-	-	-	-	-
12	Neutral indicator	-	-	-	-	-	-
13	Optical warning device	-	-	-	-	-	-
14	Ignition switch	x	x	d	-	-	-
15	External cord connect	x	x	d	-	-	-
16	Electric motor enabled	-	-	-	x	x	d
17	Cruise control	-	-	-	-	-	-
18	Battery failure	-	-	-	x	x	d
19	Reversing switch	x	x	c	-	-	-
20	Speed mode	x	x	d	-	-	-
21	Supplemental engine stop control Off	x	x	c	-	-	-
22	Supplemental engine stop control Run	x	x	c	-	-	-

(*) x = yes
- = no or not separately available
o = optional
(**) d = directly on control, indicator or tell-tale
c = in close vicinity

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Table 6.11.1.

List of all devices (mentioning the number, make(s), type, component type- approval mark(s), the maximum intensity of the main-beam headlamps, colour, the corresponding tell-tale)

DEVICES	MAKE/MODEL	NUMBER/ COLOUR	TELL-TALE	APPROVAL NUMBER	MAXIMUM INTENSITY
PASSING BEAM HEADLAMP	YONGZHAO/ YG-TBGCCHL	1 / white	*	E4*113R03/00* 28161*00	----
DRIVING BEAM HEADLAMP		1 / white	YES / Blue		----
FRONT POSITION LAMP		1 / white	*	E4*50R01/00* 28161*00	----
REAR DIRECTION INDICATOR	YONGZHAO/ YG-TS2TU	2 /amber	YES / Green	E4-50R-002809	----
FRONT DIRECTION INDICATOR		2 /amber			
REAR POSITION LAMP	YONGZHAO/ YG-TBGACTL	1 / red	*	E4*50R00/20* 27700*00	----
STOP LAMP		1 / red	NO		----
REAR REGISTRATION PLATE LAMP		1 / white	*		----
REAR RETRO-REFLECTOR	BXJ/9624	1 / red	NO	E9*3R02/17* 1663*01	----
SIDE RETRO-REFLECTOR	/ ϕ 52	2 / amber	NO	E11-03R-02 0614 Ext.01	----

**Instrument panel illumination*

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Table 6.18.
Tyres/wheels combination

Axle	Type approval number	Dimension	Max. loading	Speed Category	Rims	Nominal rolling circumference	Tyre pressure
Front (Option 1)	E4-75R-0001656	100/80-16	56	P	MT2.15-16	1779mm	175 kPa
Front (Option 2)	E4*75R00/17* 05096*03	100/80-16	50	P	MT2.15-16	1775mm	175 kPa
Rear (Option 1)	E4-75R-0009733	110/80-14	59	P	MT2.5-14	1679mm	225 kPa
Rear (Option 2)	E4*75R00/17* 15428*00	110/80-14	61	L	MT2.5-14	1679mm	225 kPa
Rear (Option 3)	E4*75R00/17* 15177*00	110/80-14	53	P	MT2.5-14	1679mm	225 kPa

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INDEX OF DRAWINGS

Drawing No	Drawing description
CPB-01	Manufacturer's Statutory Plate
CPB-02	Vehicle Identification Number
CPB-03	Photos of A Representative Vehicle
CPB-04	Dimension Measured on Vehicle
CPB-05	Frame
CPB-06	Pure electric propulsions & Control System & Transmission
CPB-07	Location of The Propulsion Batteries
CPB-08	Drive-train and Its Controller System
CPB-09	Front suspension
CPB-10	Rear suspension
CPB-11	Location of The Audible Warning Device(s)
CPB-12	Electrical Circuit Diagram
CPB-13	Brake System
CPB-14	Front brake
CPB-15	Rear brake
CPB-16	Power Circuit Components Installation
CPB-17	Controls, Tell-tales and Indicators
CPB-18	Speedometer
CPB-19	Location of Lights
CPB-20	Location of Rear View Mirrors
CPB-21	Transmission and Control of Steering
CPB-22	Protective Device
CPB-23	Footrest
CPB-24	**Rear Registration Plate**
CPB-25	Side Stand and Location
CPB-26	Main Stand and Location
CPB-27	Handhold

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Text high:3mm
VIN Start-stop symbol:"*"

Manufacturer's Data Plate
R, X=990, Y=127, Z=245

	Variant 0	Variant 1	Variant 2	Variant 3
1	3kw	3kw	3kw	3kw
2	25km/h	25km/h	45km/h	45km/h
3	300kg	300kg	300kg	300kg

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Title	Manufacturer's statutory plate
Drawing No.	CPB-01

Year	Str.	Year	Str.	Year	Str.	Year	Str.	Year	Str.
/	/	2019	K	2020	L	2021	M	2022	N
2023	P	2024	R	2025	S	2026	T	2027	V
2028	W	2029	X	2030	Y	2031	1	2032	2

L	Y	S	C	P	B	*	1	*	*	1	*	*	*	*	*	*
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
WMI			Type of the vehicle			Variant	Version	Check Number	Production year	Assembly plant	Serial Number					

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Title	Vehicle Identification Number
Drawing No.	CPB-02

Title	Photos of A Representative Vehicle
Drawing No.	CPB-03

Title	Dimension Measured on Vehicle
Drawing No.	CPB-04

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Title	Frame
Drawing No.	CPB-05

Title	Pure electric propulsions & Control System & Transmission
Drawing No.	CPB-06

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Title	Location of the propulsion batteries
Drawing No.	CPB-07

Title	Drive-train and Its Control System
Drawing No.	CPB-08

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Title	Front suspension
Drawing No.	CPB-09

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Title	Rear suspension
Drawing No.	CPB-10

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Title	Location of The Audible Warning Device(s)
Drawing No.	CPB-11

Title	Electrical Circuit Diagram
Drawing No.	CPB-12

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Title	Brake System
Drawing No.	CPB-13

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INNER BRAKE PAD

OUTER BRAKE PAD

CALIPER CYLINDER PISTON

Make:WANSAI
Material:Without Asbestos

Title	Front Brake
Drawing No.	CPB-14

Make:WANSAI

Material:Without Asbestos

OUTER BRAKE PAD

INNER BRAKE PAD

Title	Rear Brake
Drawing No.	CPB-15

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	MAKE	TYPE	IDENTIFICATION NUMBER
CONVERTOR	Ningbo Xintai Electric Technology Co., Ltd.	XT-I	XT-1
ELECTRIC MOTOR CONTROL UNIT (Variant 0,1:25km/h)	Nanjing Lingbo Electronic Technology Co., Ltd	LBMC072182H300EC-0	LBMC072182H300EC-0
ELECTRIC MOTOR CONTROL UNIT (Variant 2,3:45km/h)	Nanjing Lingbo Electronic Technology Co., Ltd	LBMC072182H300EC-1	LBMC072182H300EC-1
BATTERY	Dongguan Poweramp Technology Ltd	60V45Ah	60V45Ah
MOTOR (Variant 0,1:25km/h)	TAIZHOU QuanShun Motor Co.,Ltd.	14ZW6046362YA03	14ZW6046362YA03
MOTOR (Variant 2,3:45km/h)	TAIZHOU QuanShun Motor Co.,Ltd.	14ZW6046362YA03	14ZW6046362YA03
EXTERNAL CHARGER	Ebull Power Innovation Ltd	EBULL6015LF	EBULL6015LF
POWER CONTROLLER	Dongguan Poweramp Technology Ltd	60V45Ah	60V45Ah

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Title	Power circuit components installation
Drawing No.	CPB-16

CONTROL PANEL

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Title	Controls Telltales and Indicators
Drawing No.	CPB-17

Speed Signal Transmission

Make	GUANGZHOU CHUANG RUI ELECTRIC PARTS FOR VEHICLE CO.,LTD.
Type	37200-TBG-A000

Title	Speedometer
Drawing No.	CPB-18

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Title	Location of Lights
Drawing No.	CPB-19

DETAIL AREA A

DEVICE	APPROVAL NO.
MIRROR	E4-81R-000501

Title	Location of Rear View Mirrors
Drawing No.	CPB-20

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1. AXLE, FR WHEEL
2. WHEEL, FR
3. OIL SEAL 20×32×5
4. BEARING, RADIAL BALL, 6201-2RS
5. COLLAR, FR AXLE DIST
6. RUBBER RING, COLLAR
7. NUT, SPECIAL FLANGE M12
8. TIRE(100/80-16)
9. VALVE, RIM

Title	Transmission and Control of Steering
Drawing No.	CPB-21

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Lock cylinder diameter:Φ10mm
Effective length of the lock cylinder:7mm
Deflection angle of the steering column:40°

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Title	Protective Device
Drawing No.	CPB-22

Title	Footrests
Drawing No.	CPB-23

Rear Registration
Plate Size(Width x Hight):
145x125 or 100x175

Title	Rear Registration Plate
Drawing No.	CPB-24

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Title	Side Stand and Location
Drawing No.	CPB-25

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Title	Main Stand and Location
Drawing No.	CPB-26

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Title	Handhold
Drawing No.	CPB-27

Type: CPB Appendix 5	SUPER SOCO	Date: 10.06.2020 Ext. : 00

Manufacturer's statement on endurance testing (Annex V to Commission Delegated Regulation (EU) No 3/2014)

The undersigned: Shuguang Han, Manager

Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD.
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE, NANJING CITY, JIANGSU PROVINCE, CHINA

Name and address of the manufacturer's representative (if any):

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

Hereby states that the vehicles:

0.1. Make (trade name of the manufacturer): VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO

0.2. Type: CPB

0.2.1. Variant(s): 0, 1, 2, 3

0.2.2. Version(s): 1

0.2.3. Commercial name(s) (if available): N.A

0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

for which type-approval is sought shall withstand normal use as intended for at least 16500 km travelled within five years of first registration, taking into account regular and scheduled maintenance and specific equipment adjustments, as described clearly and unambiguously in the instructions manual delivered with the vehicles.
The undersigned furthermore confirms that the endurance of the systems, parts and equipment critical for functional safety is ensured through appropriate testing and the use of good engineering practice.

This declaration has no bearing on any vehicle warranty.

Place: Nanjing, China Date: 10 June.2020

Signature: Name and position in the company: Shuguang Han, Manager

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Type:CPB Appendix 6	SUPER SOCO	Date: 10.06.2020 Ext. : 00

Manufacturer's statement on structure integrity (Annex XIX to Commission Delegated Regulation (EU) No 3/2014)

The undersigned: Shuguang Han, Manager

Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD.
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE, NANJING CITY, JIANGSU PROVINCE, CHINA

Name and address of the manufacturer's representative (if any):

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

Hereby states that the vehicles:

0.1. Make (trade name of the manufacturer): VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO

0.2. Type: CPB

0.2.1. Variant(s): 0, 1, 2, 3

0.2.2. Version(s): 1

0.3.1. 0.2.3. Commercial name(s) (if available): N.A

0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

shall be constructed in a proper manner and are designed to be sufficiently robust to withstand the intended use over the vehicle's lifetime, taking into account regular and scheduled maintenance and specific equipment adjustments, as described clearly and unambiguously in the instructions manual delivered with the vehicles.

The undersigned furthermore agrees to and guarantees that specific analyses of vehicle structures, components and/or parts using engineering calculations, virtual testing methods and/or structural testing shall be made available in a timely manner to the approval authority and the European Commission upon request in case of a recall due to a serious safety risk.

This declaration applies to all vehicles covered by the type-approval to which this statement is annexed and has no bearing on any vehicle warranty.

Place: Nanjing, China Date: 10 June.2020

Signature: Name and position in the company: Shuguang Han, Manager

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Type: CPB Appendix 7	SUPER SOCO	Date: 10.06.2020 Ext. : 00

Manufacturer's certificate on access to ~~vehicle OBD (stage I) and~~ vehicle repair and maintenance information

Reference number: CPB-00

The undersigned: Shuguang Han, Manager

Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD.
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE, NANJING CITY, JIANGSU PROVINCE, CHINA

Name and address of the manufacturer's representative (if any):

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

Hereby states that the vehicles:
it provides access to ~~vehicle OBD and~~ vehicle repair and maintenance information in compliance with

- Chapter XV of Regulation (EU) No 168/2013

with respect to the types of vehicle, engine and pollution-control device listed in Addendum 1 to this certificate.

The following derogation is applied: ~~carry-over systems.~~

The principal website addresses, through which the relevant information may be accessed and which are hereby certified to be in compliance with the above provisions, are listed in Addendum 2 to this certificate along with the contact details of the manufacturer's representative listed in Addendum 3 to this certificate, whose signature is below.

Where applicable: The manufacturer hereby also certifies that it has complied with the obligation in Article 57(8) of Regulation (EU) No 168/2013 to provide the relevant information for previous approvals of these vehicle types no later than six months after the date of type-approval.

Place: Nanjing, China Date: 10 June.2020

Signature: Name and position in the company: Shuguang Han, Manager

Addenda:
1: List of the types of vehicle, engine and pollution-control device
2: Web sites addresses
3: Contact details

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Type: CPB Appendix 7	SUPER SOCO	Date: 10.06.2020 Ext. : 00

Addendum 1
to
Manufacturer's certificate with reference number CPB-00 on access to ~~vehicle OBD (stage I) and~~ vehicle repair and maintenance information

List of the types of vehicle:

0.2. Type: CPB

0.2.1. Variant(s): 0, 1, 2, 3

0.2.2. Version(s): 1

0.2.3. Commercial name(s) (if available): N.A

0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

1. Type-approval number including extension number (if available): N.A.

1.1. Type-approval issued on (date, if available): N.A.

List of the types of engines:

3. ~~Combustion engine~~/ electric motor~~/hybrid~~ application code: 14ZW6046362YA03

3.1. Type-approval number (if available): N.A.

3.2. Type-approval issued on (date, if available): N.A.

List of the types of pollution-control devices:

0.7. Make(s) (trade name(s) of manufacturer): N.A.

0.8. Type: N.A.

0.8.1. Commercial name(s) (if available): N.A.

0.8.2. Type-approval number including extension number (if available): N.A.

0.8.3. Type-approval issued on (date, if available): N.A.

Addendum 2
to
Manufacturer's certificate with reference number CPB-00 on access to ~~vehicle OBD (stage I) and~~ vehicle repair and maintenance information

Web site addresses referred to in this certificate:
www.vmotosoco.com

Type: CPB Appendix 7	SUPER SOCO	Date: Ext. :	10.06.2020 00

Addendum 3
to
Manufacturer's certificate with reference number CPB-00 on access to vehicle OBD (stage I) and vehicle repair and maintenance information

Contact details of the manufacturer's representative referred to in this certificate:

Name and position in the company: Koper, Marcellinus Johannes, Europe Sales Director
TEL: +31 6 21 43 44 96
E-mail: marcel@vmotosoco.com

Type:CPB Appendix 8	SUPER SOCO	Date: 10.06.2020 Ext. : 00

Manufacturer's declaration on powertrain tampering prevention measures (anti-tampering)

1. Vehicle manufacturer's declaration on powertrain tampering prevention measures (anti-tampering):
— not to market interchangeable components which could enable propulsion unit performance to exceed levels applicable to the relevant (sub) category;
— manufacturer-facilitated modifications shall not increase the propulsion unit performance of the vehicle;
— modifications and interchangeability of parts and components

Manufacturer's declaration not to market interchangeable components which could enable propulsion unit performance to exceed levels applicable to the relevant (sub) category

0.4. Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD.
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE, NANJING CITY, JIANGSU PROVINCE, CHINA

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

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

Hereby declares that:

For the L1e~~/L2e, (L3e/L4e) A1/(L3e/L4e) A2/L6e/L7e~~ category vehicle:

0.1. Make (trade name of the manufacturer): VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO

0.2. Type: CPB

0.2.1.Variant(s): 0, 1, 2, 3

0.2.2.Version(s): 1

0.2.3. Commercial name(s) (if available): N.A

0.3.Category, subcategory and sub-subcategory of vehicle: L1e-B

Will not market interchangeable components which could enable propulsion unit performance to exceed levels applicable to the relevant (sub) category;

and that

Type:CPB Appendix 8	SUPER SOCO	Date: Ext. :	10.06.2020 00

The manufacturer-facilitated modifications of the following characteristics:

~~(a) spark delivery of the ignition system if applicable;~~

~~(b) fuel feed and delivery system;~~

~~(c) air-intake system including air filter(s) (modification or removal);~~

(d) propulsion battery configuration or electric power to the electric motor(s) if applicable;

(e) drive-train;

(f) and the control unit(s) that control(s) the propulsion unit performance of the powertrain.

shall comply with the requirements set out in point 2.6. of Annex II to Commission Delegated Regulation (EU) No 44/2014

~~For L3e-A2/L4e-A2/L7e category vehicles the manufacturer~~

~~declares that:~~

~~The modifications and interchangeability of:~~

~~(a) spark delivery of the ignition system, if applicable;~~

~~(b) fuel feed and delivery system;~~

~~(c) air-intake system including air filter(s) (modification or removal);~~

~~(d) the drive-train;~~

~~(e) the control unit(s) for the propulsion unit performance of the powertrain;~~

~~(f) removal of any component (mechanical, electrical, structural, etc.) which limits full engine load, leading to any change in the propulsion unit performance as approved in accordance with Annex II (A) to Regulation (EU) No 168/2013~~

~~shall comply with the requirements set out in point 5.2 of Annex II to Commission Delegated Regulation (EU) No 44/2014~~

Place: Nanjing, China Date: 10 June.2020

Signature: Name and position in the company: Shuguang Han, Manager

19 juin 2020
e13*168/2013*00869*00
Société Nationale de Certification et d'Homologation

Statement Concerning Authority of Signature on COC Paper

We, **NANJING VMOTO MANUFACTURING CO., LTD.** declare that the undersigned, Mr. Shuguang Han, the manager of our company, will be the authorized person to sign the COC paper of the vehicle.

Type: CPB

Specification of signature of COC:

Name	Position	Signature
Shuguang Han	manager	

NANJING VMOTO MANUFACTURING CO., LTD.
Date: 10.06, 2020

19 juin 2020
e13*168/2013*00869*00
Société Nationale de Certification et d'Homologation

COMPLETE VEHICLE
EU CERTIFICATE OF CONFORMITY

The undersigned, Shuguang Han, Manager
Hereby certifies that the following complete vehicle:

0.1. Make (trade name of the manufacturer): VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO

0.2. Type: CPB

0.2.1. Variant: 0

0.2.2. Version: 1

0.2.3. Commercial name (if available): N.A

0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

0.4 Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE, NANJING CITY, JIANGSU PROVINCE, CHINA

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

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

0.5.1. Location of the manufacturer's statutory plate(s): R, x=990, y=127, z=245

0.5.2. Method of attachment of the manufacturer's statutory plate(s): Riveted

0.6. Location of the vehicle identification number: R, x=390, y=5, z=520(r/o)

1. Vehicle identification number: * LYSCPB01XXXXXXXXX*
conforms in all respects to the type described in EU type-approval (e13*168/2013*00869*00 type-approval number including extension number) issued on (DD, MM, YYYY date of issue)
and can be permanently registered in Member States having right/left-hand traffic and using metric/imperial units for the speedometer.

(place)

DD, MM, YYYY

(date)

(signature)

19 juin 2020
e13*168/2013*00869*00
Société Nationale de Certification et d'Homologation

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:	2049 mm
2.2.2.	Width:	727 mm
2.2.3.	Height:	1450 mm
2.2.4.	Wheelbase:	1366 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 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:	107 kg
2.1.2.	Actual mass:	200 kg
2.1.3.	Technically permissible maximum laden mass:	300 kg
2.1.3.1.	Technically permissible maximum mass on front axle:	105 kg
2.1.3.2.	Technically permissible maximum mass on rear axle:	195 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: 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 (as marked on the engine or other means of identification):	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~~ N.A.	
3.2.1.4.1.	Number of cylinders: N.A.	
3.2.1.4.2.	Arrangement of cylinders: ~~LI / V / O / 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: Taizhou Quanshun Motor Co., Ltd.	

3.1.2.2. Electric motor code (as marked on the engine or other means of identification): 14ZW6046362YA03
3.3.3.4. ~~15~~/30 minutes power: 3.0 kW at 250 min^{-1}
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: pure electric/~~hybrid electric/manpower electric~~
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: 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): 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: Option 1: 100/80-16 56P MT2.15-16 175 kPa
Option 2: 100/80-16 50P MT2.15-16 175 kPa
Axle 2: Option 1: 110/80-14 59P MT2.5-14 225 kPa
Option 2: 110/80-14 61L MT2.5-14 225 kPa
Option 3: 110/80-14 53P MT2.5-14 225 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: N.A.

Environmental performance

4.0.1. Environmental step: Euro (~~3/ 4 /5/5+~~) 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_{urban}: N.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 : N.A.
THC : N.A.
NMHC : N.A.
NOx : N.A.
THC+NOx : N.A.
PM : N.A.
3.2.15.2 Type II test: tailpipe emissions at (increased) idle and free acceleration:
HC: N.A.
CO: N.A.
3.2.15.3. Smoke corrected absorption coefficient: N.A.

Energy efficiency

4.0.2. Fuel consumption: N.A.
4.0.3. CO_2 emissions: N.A.
4.0.4. Energy consumption: 34 Wh/km
4.0.5. Electric range: 91 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.

COMPLETE VEHICLE
EU CERTIFICATE OF CONFORMITY

The undersigned, Shuguang Han, Manager
Hereby certifies that the following complete vehicle:

0.1. Make (trade name of the manufacturer): VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO

0.2. Type: CPB

0.2.1. Variant: 1

0.2.2. Version: 1

0.2.3. Commercial name (if available): N.A

0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

0.4 Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE, NANJING CITY, JIANGSU PROVINCE, CHINA

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

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

0.5.1. Location of the manufacturer's statutory plate(s): R, x=990, y=127, z=245

0.5.2. Method of attachment of the manufacturer's statutory plate(s): Riveted

0.6. Location of the vehicle identification number: R, x=390, y=5, z=520(r/o)

1. Vehicle identification number: * LYSCPB11XXXXXXXXX*
conforms in all respects to the type described in EU type-approval (e13*168/2013*00869*00 type-approval number including extension number) issued on (DD, MM, YYYY date of issue)
and can be permanently registered in Member States having right/left-hand traffic and using metric/imperial units for the speedometer.

(place)

DD, MM, YYYY

(date)

(signature)

19 juin 2020
e13*168/2013*00869*00
Société Nationale de Certification et d'Homologation

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:	2049 mm
2.2.2.	Width:	727 mm
2.2.3.	Height:	1450 mm
2.2.4.	Wheelbase:	1366 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 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:	107 kg
2.1.2.	Actual mass:	218 kg
2.1.3.	Technically permissible maximum laden mass:	300 kg
2.1.3.1.	Technically permissible maximum mass on front axle:	105 kg
2.1.3.2.	Technically permissible maximum mass on rear axle:	195 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: 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 (as marked on the engine or other means of identification): 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~~ N.A.
3.2.1.4.1. Number of cylinders: N.A.
3.2.1.4.2. Arrangement of cylinders: ~~LI / V / O / 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: Taizhou Quanshun Motor Co., Ltd.

3.1.2.2. Electric motor code (as marked on the engine or other means of identification): 14ZW6046362YA03
3.3.3.4. ~~15~~/30 minutes power: 3.0 kW at 250 min^{-1}
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: pure electric/~~hybrid electric/manpower-electric~~
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: 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): 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: Option 1: 100/80-16 56P MT2.15-16 175 kPa
Option 2: 100/80-16 50P MT2.15-16 175 kPa
Axle 2: Option 1: 110/80-14 59P MT2.5-14 225 kPa
Option 2: 110/80-14 61L MT2.5-14 225 kPa
Option 3: 110/80-14 53P MT2.5-14 225 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: N.A.

Environmental performance

4.0.1. Environmental step: Euro (~~3/ 4 /5/5+~~) 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_{urban}: N.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 : N.A.
THC : N.A.
NMHC : N.A.
NOx : N.A.
THC+NOx : N.A.
PM : N.A.
3.2.15.2 Type II test: tailpipe emissions at (increased) idle and free acceleration:
HC: N.A.
CO: N.A.
3.2.15.3. Smoke corrected absorption coefficient: N.A.

Energy efficiency

4.0.2. Fuel consumption: N.A.
4.0.3. CO_2 emissions: N.A.
4.0.4. Energy consumption: 30 Wh/km
4.0.5. Electric range: 186 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.

COMPLETE VEHICLE
EU CERTIFICATE OF CONFORMITY

The undersigned, Shuguang Han, Manager
Hereby certifies that the following complete vehicle:

0.1. Make (trade name of the manufacturer): VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO

0.2. Type: CPB

0.2.1. Variant: 2

0.2.2. Version: 1

0.2.3. Commercial name (if available): N.A

0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

0.4 Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE, NANJING CITY,
JIANGSU PROVINCE, CHINA

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

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

0.5.1. Location of the manufacturer's statutory plate(s): R, x=990, y=127, z=245

0.5.2. Method of attachment of the manufacturer's statutory plate(s): Riveted

0.6. Location of the vehicle identification number: R, x=390, y=5, z=520(r/o)

1. Vehicle identification number: * LYSCPB21XXXXXXXXX*
conforms in all respects to the type described in EU type-approval (e13*168/2013*00869*00 type-approval number including extension number) issued on (DD, MM, YYYY date of issue)
and can be permanently registered in Member States having right/left-hand traffic and using metric/imperial units for the speedometer.

(place)

DD, MM, YYYY

(date)

(signature)

19 juin 2020
e13*168/2013*00869*00
Société Nationale de Certification et d'Homologation

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:	2049 mm
2.2.2.	Width:	727 mm
2.2.3.	Height:	1450 mm
2.2.4.	Wheelbase:	1366 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 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:	107 kg
2.1.2.	Actual mass:	200 kg
2.1.3.	Technically permissible maximum laden mass:	300 kg
2.1.3.1.	Technically permissible maximum mass on front axle:	105 kg
2.1.3.2.	Technically permissible maximum mass on rear axle:	195 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: 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 (as marked on the engine or other means of identification): 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~~ N.A.
3.2.1.4.1. Number of cylinders: N.A.
3.2.1.4.2. Arrangement of cylinders: ~~LI / V / O / 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: Taizhou Quanshun Motor Co., Ltd.

3.1.2.2. Electric motor code (as marked on the engine or other means of identification): 14ZW6046362YA03
3.3.3.4. ~~15~~/30 minutes power: 3.0 kW at 440 min^{-1}
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: pure electric/~~hybrid electric/manpower-electric~~
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: **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: Option 1: 100/80-16 56P MT2.15-16 175 kPa
Option 2: 100/80-16 50P MT2.15-16 175 kPa
Axle 2: Option 1: 110/80-14 59P MT2.5-14 225 kPa
Option 2: 110/80-14 61L MT2.5-14 225 kPa
Option 3: 110/80-14 53P MT2.5-14 225 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: N.A.

Environmental performance

4.0.1. Environmental step: Euro (~~3/ 4 /5/5+~~) 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_{urban}: N.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 : N.A.
THC : N.A.
NMHC : N.A.
NOx : N.A.
THC+NOx : N.A.
PM : N.A.
3.2.15.2 Type II test: tailpipe emissions at (increased) idle and free acceleration:
HC: N.A.
CO: N.A.
3.2.15.3. Smoke corrected absorption coefficient: N.A.

Energy efficiency

4.0.2. Fuel consumption: N.A.
4.0.3. CO_2 emissions: N.A.
4.0.4. Energy consumption: 32 Wh/km
4.0.5. Electric range: 69 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.

COMPLETE VEHICLE
EU CERTIFICATE OF CONFORMITY

The undersigned, Shuguang Han, Manager
Hereby certifies that the following complete vehicle:

0.1. Make (trade name of the manufacturer): VMOTO-SOCO, E-MAX, VMOTO, SUPER SOCO

0.2. Type: CPB

0.2.1. Variant: 3

0.2.2. Version: 1

0.2.3. Commercial name (if available): N.A

0.3. Category, subcategory and sub-subcategory of vehicle: L1e-B

0.4 Company name and address of manufacturer:

NANJING VMOTO MANUFACTURING CO., LTD
NO. 15, EAST ZHONGXING ROAD, LISHUI ECONOMIC DEVELOPMENT ZONE, NANJING CITY,
JIANGSU PROVINCE, CHINA

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

Vmoto Europe B.V.
Boekweitstraat 97, 2153GK, Nieuw-Vennep, Netherlands

0.5.1. Location of the manufacturer's statutory plate(s): R, x=990, y=127, z=245

0.5.2. Method of attachment of the manufacturer's statutory plate(s): Riveted

0.6. Location of the vehicle identification number: R, x=390, y=5, z=520(r/o)

1. Vehicle identification number: * LYSCPB31XXXXXXXXX*
conforms in all respects to the type described in EU type-approval (e13*168/2013*00869*00 type-approval number including extension number) issued on (DD, MM, YYYY date of issue)
and can be permanently registered in Member States having right/left-hand traffic and using metric/imperial units for the speedometer.

(place)

DD, MM, YYYY

(date)

(signature)

19 juin 2020
e13*168/2013*00869*00
Société Nationale de Certification et d'Homologation

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:	2049 mm
2.2.2.	Width:	727 mm
2.2.3.	Height:	1450 mm
2.2.4.	Wheelbase:	1366 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 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:	107 kg
2.1.2.	Actual mass:	218 kg
2.1.3.	Technically permissible maximum laden mass:	300 kg
2.1.3.1.	Technically permissible maximum mass on front axle:	105 kg
2.1.3.2.	Technically permissible maximum mass on rear axle:	195 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: 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 (as marked on the engine or other means of identification):	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~~	N.A.
3.2.1.4.1.	Number of cylinders:	N.A.
3.2.1.4.2.	Arrangement of cylinders:	~~LI / V / O / 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: Taizhou Quanshun Motor Co., Ltd.	

3.1.2.2. Electric motor code (as marked on the engine or other means of identification): 14ZW6046362YA03
3.3.3.4. ~~15~~/30 minutes power: 3.0 kW at 440 min^{-1}
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: pure electric/~~hybrid electric/manpower-electric~~
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: **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: Option 1: 100/80-16 56P MT2.15-16 175 kPa
Option 2: 100/80-16 50P MT2.15-16 175 kPa
Axle 2: Option 1: 110/80-14 59P MT2.5-14 225 kPa
Option 2: 110/80-14 61L MT2.5-14 225 kPa
Option 3: 110/80-14 53P MT2.5-14 225 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: N.A.

Environmental performance

4.0.1. Environmental step: Euro (~~3/ 4 /5/5+~~) 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_{urban}: N.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 : N.A.
THC : N.A.
NMHC : N.A.
NOx : N.A.
THC+NOx : N.A.
PM : N.A.
3.2.15.2 Type II test: tailpipe emissions at (increased) idle and free acceleration:
HC: N.A.
CO: N.A.
3.2.15.3. Smoke corrected absorption coefficient: N.A.

Energy efficiency

4.0.2. Fuel consumption: N.A.
4.0.3. CO_2 emissions: N.A.
4.0.4. Energy consumption: 34 Wh/km
4.0.5. Electric range: 170 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.