



# Constructional Data Form for Electrical Products

(For TUV Rheinland of N.A., Inc. use only)

Certificate #: CU 72211242 01-03 File #: CN2014L8 001

**License Holder:** Ninebot (Changzhou) Tech Co., Ltd.  
16F-17F, Block A, Building 3, No.18, Changwu Mid Rd, Wujin Dist., Changzhou, Jiangsu, China.

**Factory:** Ninebot (Changzhou) Tech Co., Ltd.  
No.2 Plant Intelligent Digital Industrial Park No.18-65 Changwu Mid Rd., 213000 Changzhou, Jiangsu, CHINA


Foxlink Automotive Technology(Kunshan)Co.,LTD.  
No.2-18,ZhengWei Road,Jin Xi Town,KunShan City,JiangSu Province,P.R.China

KINGCLEAN ELECTRIC GREEN TECHNOLOGY (SUZHOU) CO.LTD  
No.99 Zhufeng Road, Mudu Town, Wuzhong Zone, Suzhou, Jiangsu 215101, P.R. China

**Type of product:** Ninebot KickScooter  
**Model Number:** F40D,F40E,F40  
**Rating:** 41.0VDC, 1.7A, 367Wh  
**Rated Ambient Temperature:** 40°C  
**Protection Class:** Class III  
**Altitude during operation:** 5000m

**List of Critical Components:**

Item No.	Object/part no.	Manufacturer/ Trademark	Type/Model	Technical Data	Standard	Mark(s) of Conformity
1	Battery Charger	WEIHAI HITAI ELECTRONICS CO., LTD	NBW41D001D 7D	Input: 100-240V~, 50-60Hz, 2.0A Max Output: 41.0V DC, 1.7A	ANSI/UL 62368-1 CAN/CSA-C22.2 No. 62368-1	UL and CUL E510419

<p>Zhang he</p> <p>TUV Rheinland of North America, Inc.</p>	Beijing (Place)	2021.04.08 (Date)
	 <p>(Stamp and signature of applicant)</p>	
<p>Note: Any errors or omissions in the CDF shall be reported to TUV Rheinland immediately upon receipt by the applicant.</p>		

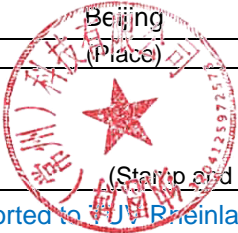


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1a	Battery Charger (alternative)	Powerland Technology Inc.	NBW41D001D 7D	Input: 100-240V~, 50-60Hz, 2.0A Max Output: 41.0V DC, 1.7A	ANSI/UL 62368-1 CAN/CSA-C22.2 No. 62368-1	UL and CUL E487365
2	Charging port	YAT SHUN ELECTRONIC CO LTD	RT-C30	60Vdc, 5A, 120°C, V-0	UL 1977 CSA-C22.2 No. 182.3	UL and CUL E509849
3	Plastic enclosure (near charging port)	KINGFA SCI & TECH CO LTD	PA6-RG301	V-0	UL 94 ANSI/UL 746C CSA-C22.2 No. 0.17	UL and CUL E171666
4	Battery pack	DLG(Shanghai) Electronic Technology Co.,Ltd.	NCAF3610A	36.0Vd.c., 10200mAh/367Wh	UL/ULC 2271	TU 50494999 01
5	Metal enclosure	Interchangeable	Interchangeable	Metal material: magnesium alloy Thickness 2 mm	UL 2272 UL 50E	Test with equipment
6	Control module	Guangdong GOBAO Electronic Technology Co.Ltd.	GBWH3630MO	36.0V 20A	UL 2272	Test with equipment
6a	Control module (alternative)	CHANGZHOU YIERTONG ELECTRONIC CO.,LTD.	1F0622230001	36.0V 20A	UL 2272	Test with equipment
7	PCB for Control module (YIERTONG)	SUICHUAN PINGTAI CIRCUIT BOARD CO LTD	PT-M	V-0, 130°C	UL 796	UL E518094
7a	PCB for Control module (GOBAO)	KINGBOARD LAMINATES HOLDINGS LTD	KB	V-0, 130°C	UL 796	UL E123995

<p style="font-size: 2em; font-family: cursive;">Zhang he</p> <p>TUV Rheinland of North America, Inc.</p>	Beijing (Place)	2021.04.08 (Date)
	 <p style="font-size: 1.5em; font-family: cursive;">张浩</p> <p>(Stamp and signature of applicant)</p>	
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7b	PCB for Control module (alternative)	Interchangeable	Interchangeable	V-0, 130°C	UL 796	UL and CUL
8	Internal wire (charging)	DONGGUAN WENCHANG ELECTRONIC CO LTD	3135	16AWG, 200°C, 600V	UL 758 CSA-C22.2 No. 127	UL and cUL E214500
8a	Internal wire (charging) (alternative)	DONGGUAN WENCHANG ELECTRONIC CO LTD	3266	16AWG, 125°C, 600V	UL 758 CSA-C22.2 No. 127	UL and cUL E214500
9	Internal wire (discharging)	WCH	3302	22AWG, 105°C, 60V	UL 758 CSA-C22.2 No. 127	UL and cUL E214500
9a	Internal wire (discharging) (alternative)	WCH	1430	22AWG, 105°C, 60V	UL 758 CSA-C22.2 No. 127	UL and cUL E214500
10	Motor (F40D, F40E)	JinYuXing Electromechanical Technology (Zhejiang) CO., LTD	H30P115L30S-350W	DC 36.0V 350W	UL1004-1 UL 1004-7	TUV test report CN201428 001 motor
10a	Motor (F40D, F40E) (alternative)	Ananda Drive Techniques (Jiangsu) CO., LTD	H30P115L30S-350W	DC 36.0V 350W	UL1004-1 UL 1004-7	TUV test report CN201428 001 motor
11	Motor (F40)	ChangZhou YuCheng FuTong Motor CO., LTD	H40P126L25S-350W	DC 36.0V 350W	UL1004-1 UL 1004-7	TUV test report CN201428 001 motor
11a	Motor (F40) (alternative)	Ananda Drive Techniques (Jiangsu) CO., LTD	H40P126L25S-350W	DC 36.0V 350W	UL1004-1 UL 1004-7	TUV test report CN201428 001 motor

Component used in motor below

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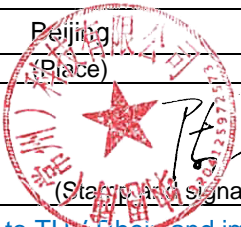


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12	Magnet wire of motor (Motor manufacturer ChangZhou YuCheng)	ZHEJIANG SANXING ELECTRICAL TECHNOLOGY CO., LTD.	QZ-x/155(2PEW)	Max. temperature 155°C	UL1446	UL E217937
13	Magnet wire of motor (Motor manufacturer Ananda)	TONG LING NONFERROUS COPPER CROWN ELECTRICAL CO., LTD.	PEW	Max. temperature 155°C	UL1446	UL E217937
14	Magnet wire of motor (Motor manufacturer JinYuXing)	TONG LING NONFERROUS COPPER CROWN ELECTRICAL CO., LTD.	PEW	Max. temperature 155°C	UL1446	UL E217937
15	Lead wire of motor (Motor manufacturer ChangZhou YuCheng)	FEIDA TECHNOLOGY CO LTD	20464	14AWG, 105°C, 15 0V, VW-1	UL 758 CSA-C22.2 No. 127	UL E492380
16	Lead wire of motor (Motor manufacturer Ananda)	FEIDA TECHNOLOGY CO LTD	20464	14AWG, 105°C, 15 0V, VW-1	UL 758 CSA-C22.2 No. 127	UL E492380
16a	Lead wire of motor (Motor manufacturer Ananda) (alternative)	YANGZHOU DEYOU WIRE&CABLE CO.,LTD	20464	14AWG, 105°C, 15 0V, VW-1	UL 758 CSA-C22.2 No. 127	UL E318368

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17	Lead wire of motor (Motor manufacturer JinYuXing)	FEIDA TECHNOLOGY CO LTD	20464	14AWG,105°C,15 0V,VW-1	UL 758 CSA-C22.2 No. 127	UL E492380
End of component used in motor						

**Routine Safety Testing:**

Required:

Not Required:

Reason:

Class III product:

Other:

**Test Details:**

- Dielectric Strength:
- Ground Continuity:
- Insulation Resistance:
- Leakage Current:
- Other:

**Test Points:**

**Test Values**

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