



Constructional Data Form for Electrical Products

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

Certificate #: CU 72211241 01-03 File #: CN20RRO2 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: F20D,F20E,F25
Rating: 41.0VDC, 1.7A, 183Wh
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	NBW41D001 D7D	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	2021.04.08
	(Place)	(Date)
<p>(Stamp and signature of applicant)</p>		
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Item No.	Object/part no.	Manufacturer/ Trademark	Type/Model	Technical Data	Standard	Mark(s) of Conformity
1a	Battery Charger (alternative)	Powerland Technology Inc.	NBW41D001 D7D	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	60.0Vdc, 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	Suzhou Techsum Power Technology Co., Ltd.	NCAF3605A	36.0VDC 5100mAh/ 183Wh	UL/ULC 2271	TU 50494996 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.	GBWH3630M O	36.0V 20A	UL 2272	Test with equipment
6a	Control module (alternative)	CHANGZHOU YIERTONG ELECTONIC CO.,LTD.	1F062223000 1	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
7b	PCB for Control module (alternative)	Interchangeable	Interchangeable	V-0 · 130°C	UL 796	UL and CUL

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8	Terminal block for Control module (connect to battery pack)	Changzhou Amass Electronics Co Ltd	XT30UPB-M	500V 30A	UL 1977 CSA-C22.2 No. 182.3	UL and CUL E482722
9	Internal wire (charging)	XINYA ELECTRONIC CO LTD	3266	16AWG, 125°C, AC 300V	UL 758 CSA-C22.2 No. 127	UL and CUL E170689
10	Internal wire (discharging)	SUZHOU DIAN HANG ELECTRONIC CO., LTD.	3302	22AWG, 105°C, AC 30V	UL 758 CSA-C22.2 No. 127	UL and CUL E354173
11	Motor(F20E)	JinYuXing Electromechanical Technology(Zhejiang) CO.,LTD	H40P126L17S -250W	DC 36.0V 250W	UL1004-1 UL 1004-7	TUV test report CN20IFS1 001
11a	Motor(F20E) (alternative)	ChangZhou YuCheng FuTong Motor CO.,LTD	H40P126L17S -250W	DC 36.0V 250W	UL1004-1 UL 1004-7	TUV test report CN20IFS1 001
12	Motor(F20D)	JinYuXing Electromechanical Technology(Zhejiang) CO.,LTD	H30P115L20S -250W	DC 36.0V 250W	UL1004-1 UL 1004-7	TUV test report CN20IFS1 001
12a	Motor(F20D) (alternative)	ChangZhou YuCheng FuTong Motor CO.,LTD	H30P115L20S -250W	DC 36.0V 250W	UL1004-1 UL 1004-7	TUV test report CN20IFS1 001
13	Motor(F25)	JinYuXing Electromechanical Technology(Zhejiang) CO.,LTD	H40P126L20S -300W	DC 36.0V 300W	UL1004-1 UL 1004-7	TUV test report CN2008SC 001
13a	Motor(F25) (alternative)	ChangZhou YuCheng FuTong Motor CO.,LTD	H40P126L20S -300W	DC 36.0V 300W	UL1004-1 UL 1004-7	TUV test report CN2008SC 001

Component used in motor below

<p style="font-size: 2em; font-family: cursive;">Zhang he</p> <p>TUV Rheinland of North America, Inc.</p>	<p>Beijing</p> <p>(Place)</p>	<p>2021.04.08</p> <p>(Date)</p>
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Item No.	Object/part no.	Manufacturer/ Trademark	Type/Model	Technical Data	Standard	Mark(s) of Conformity
14	Magnet wire of motor (250W Motor manufacturer JinYuXing)	TONGLING NONFERROUS COPPER CROWN ELECTRICAL CO LTD	PEW	Max. temperature 155°C	UL1446	UL E217937
15	Magnet wire of motor (250W Motor manufacturer ChangZhou YuCheng)	ZHEJIANG SANXING ELECTRICAL TECHNOLOGY CO., LTD.	QZ-x/155(2PEW)	Max. temperature 155°C	UL1446	UL E327855
16	Magnet wire of motor (300W Motor manufacturer JinYuXing)	TONGLING NONFERROUS COPPER CROWN ELECTRICAL CO LTD	PEW	Max. temperature 155°C	UL1446	UL E217937
17	Magnet wire of motor (300W Motor manufacturer ChangZhou YuCheng)	ZHEJIANG SANXING ELECTRICAL TECHNOLOGY CO., LTD.	QZ-x/155(2PEW)	Max. temperature 155°C	UL1446	UL E217937
18	Lead wire of motor (250W Motor manufacturer JinYuXing)	FEIDA THCHNOLOGY CO.,LTD	20464	14AWG,105°C,15 0V,VW-1	UL 758 CSA-C22.2 No. 127	UL E492380
19	Lead wire of motor (250W 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

<p style="font-size: 2em; font-family: cursive;">Zhang he</p> <p>TUV Rheinland of North America, Inc.</p>	Beijing	2021.04.08
	(Place)	(Date)
 <p style="font-size: 1.5em; font-family: cursive;">陆浩然</p> <p>(Stamp and signature of applicant)</p>		
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20	Lead wire of motor (300W Motor manufacturer JinYuXing)	FEIDA THCHNOLOGY CO.,LTD	20464	14AWG,105°C,15 0V,VW-1	UL 758 CSA-C22.2 No. 127	UL E492380
21	Lead wire of motor (300W 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

End of component used in motor

Routine Safety Testing:

Required:

Not Required:

Reason:

Class III product:

Other:

Test Details:

Test Points:

Test Values

Dielectric Strength:

Ground Continuity:

Insulation Resistance:

Leakage Current:

Other:

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