



Constructional Data Form for Electrical Products

(For TUV Rheinland of N.A., Inc. use only)
Certificate #: CU 72228981 01-04

File #: CN22K29L 002


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

Factory:

1. Zhejiang Qunying Vehicle Co., Ltd.
No.3 Xinzhong Road, Xinbi Street, Jinyun, Lishui, Zhejiang, P.R.China
2. Ninebot (Changzhou) Tech Co., Ltd.
No.2 Plant Intelligent Digital Industrial Park No.18-65 Changwu Mid Rd., 213000
Changzhou, Jiangsu, P.R.China

3. Risuntek Vietnam Co.,Ltd
Dong Van IV Industrial Zone, Nhat Tuu, Kim Bang, Vietnam

4. Risuntek Inc
NO.17th Jiangnan Road, Qishi Town, Dongguan City, Guangdong Province

<p>zhang he</p> <p>TUV Rheinland of North America, Inc.</p>	Beijing	2023.06.09
	(Place)	(Date)
	 <p>(Stamp and signature of applicant)</p>	
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Type of product: Ninebot KickScooter F2
Model Number: 051201D,051201E,051201A,051201U,051201CN
Rating: 41Vdc,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	AC Adapter	WEIHAI HITAI ELECTRONICS CO., LTD	NBW41D001 D7D	Input: 100-240V~, 50-60Hz, 2.0A Max Output: 41.0V DC, 1.7A	UL62368,CAN /CSA-C22.2 No. 62368-1	UL and CUL E510419
1a	AC Adapter (Alt)	FSP-POWERLAND TECHNOLOGY INC	NBW41D001D7 D	Input: 100-240V~, 50-60Hz, 2.0A Max Output: 41.0V DC, 1.7A	UL62368,CAN /CSA-C22.2 No. 62368-1	TUV CU 72300597 01
2	Charging Connector	YAT SHUN ELECTRONIC CO LTD	RT-C30	DC60V 5A	UL1977	UL E509849
2a	Alt	Interchangeable	Interchangeable	Min.DC60V 3A	UL1977	UL and CUL

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3	Controller (for 051201E)	Ninebot (Changzhou) Tech Co., Ltd.	ZW361040HB2	DC 42V 25A	UL 2272	Test with equipment
4	Controller (051201U,051201A, 051201CN, 051201D)	Ninebot (Changzhou) Tech Co., Ltd.	ZW360840HB3	DC 42V 20A	UL 2272	Test with equipment
5	PCB for Control module	SUNKING CIRCUITS ELECTRONICS CO LTD	SK-06	V-0,130°	ANSI/UL 94 ANSI/UL 796 CAN/CSA-C22.2 No. 0.17	UL E326765
5a	PCB for Control module (alternative)	Interchangeable	Interchangeable	min.V-1,105°	ANSI/UL 94 ANSI/UL 796 CAN/CSA-C22.2 No. 0.17	UL and CUL
6	Terminal block for Control module (connect to battery pack)	CHANGZHOU AMASS ELECTRONOCS CO., LTD	XT60PB-M	DC 500V 20A	UL1977	UL E482722
6a	Alt	Interchangeable	Interchangeable	min. DC 500V 20A	UL1977	UL and CUL
7	Metal enclosure	Interchangeable	Interchangeable	Metal material: Aluminum alloy	UL 2272 UL 50E	UL and CUL
8	Battery pack	De.power Technology Limited	NCAF3610A	36 VDC 367 Wh	UL/CUL 2271	UL MH64959

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8a	Battery pack (Alt)	Guangdong Greenway Technology Co.,Ltd.	NCAF3610A	36 VDC 367 Wh	UL/CUL 2271	UL MH61433
9	Motor (For 051201E, 051201D)	Ninebot (Changzhou) Tech Co., Ltd.	36V400W	DC36V 400W	UL 1004-1	Test with equipment
9a	Motor (For 051201U, 051201A, 051201CN)	Ninebot (Changzhou) Tech Co., Ltd.	36V350W	DC36V 350W	UL 1004-1	Test with equipment
Component used in motor below						
10	Magnet wire of motor (36V400W)	ZHEJIANG GRANDWALL ELECTRIC SCIENCE & TECHNOLOG CO LTD	QZY-2/180	min. temperature 180°C	UL1446	UL E206121
10a	Alt	Interchangeable	Interchangeable	min. temperature 155°C	UL1446	UL and CUL
11	Magnet wire of motor (36V350W)	TONG LING NONFERROUS COPPER CROWN ELECTRICAL CO LTD	PEW	min. temperature 155°C	UL1446	UL E217937
11a	Alt	Interchangeable	Interchangeable	min. temperature 155°C	UL1446	UL and CUL

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Item No.	Object/part no.	Manufacturer/ Trademark	Type/Model	Technical Data	Standard	Mark(s) of Conformity
12	Lead wire of motor	FEIDA TECHNOLOGY CO LTD	11187	14AWG 150°C,300V	UL758	UL E492380
12a	Alt	Interchangeable	Interchangeable	min.14AWG 105°C,150V	UL758	UL and CUL
End of component used in motor						
13	Plastic enclosure (near charging port)	KINGFA SCI &TECH CO., LTD	PA66-RNG00(r4)(f1)	V-0,130°C	ANSI/UL 94 ANSI/UL 796 CAN/ CSA-C22.2 No. 0.17	UL and CUL E171666
13a	Alt	Interchangeable	Interchangeable	min.V-1,80°C	ANSI/UL 94 ANSI/UL 796 CAN/ CSA-C22.2 No. 0.17	UL and CUL

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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