



Certificate of Compliance

Certificate: 70143407

Master Contract: 267218

Project: 80073760

Date Issued: 2021-05-31

Issued to: Ninebot (Changzhou) Tech Co., Ltd
16-17F Block A, Building 3, No.18,
Changwu Mid Rd. Wujin Dist.
Changzhou Jiangsu, 213000
CHINA

Attention: Mr. Baolin Li

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Tasia Li

PRODUCTS

CLASS – C389201 - MOTOR OPERATED EQUIPMENT - Electrical and Charger-Systems of Self-Balancing Scooters

CLASS - C389281 - MOTOR OPERATED EQUIPMENT - Electrical and charger systems of-transportation devices - Certified to US Standards

Electrical and Charger System of Two Wheels Kick Scooter Models noted as below:

Model	Max charging Voltage, V	Capacity, Wh	Number of Battery	Motor Power,W	Max Speed, mph/km/h	Max Payload, lbs/kg	Rated Voltage, Vdc
ES1	42	184	1 or 2	250	12.5/20	220/100	36
ES3	42	368	2	300	15.5/25	220/100	36
ES2	42	184	1 or 2	300	15.5/25	220/100	36
ES4, ES3 PLUS(*)	42	368	2	300	18.5/30	220/100	36
E22, E22E/E22D/E22L	42	184	1 or 2	300	12.5/20	220/100	36



Certificate: 70143407

Master Contract: 267218

Project: 80073760

Date Issued: 2021-05-31

E45/E45E/E45D/E45K	42	368	2	300	18.6/30	220/100	36
E25/E25E	42	215	1	300	15.5/25	220/100	36
E25D E25A	42	215	1	300	12.4/20 17.4/28	220/100	36
ES1L/ES1LD	42	184	1	250	12.4/20	220/100	36

Note:

* Both folded version and unfolded version were included in model ES4.

1. Model ES1 is identical to model ES2 except for motor type, model ES2 is identical to model ES4 except for ES4 with a second battery pack(mounted on the outer surface of the stem), ES3 is identical to model ES1 except for ES3 with a second battery pack(mounted on the outer surface of the stem) and use 300W motor, outside battery pack NEB1002-H1 can be also suitable for scooter model ES1 and ES2, model ES4 unfolded version is identical to folded version except for stem length and fold pedal, no fold pedal provided for ES4 unfolded version; ES3 PLUS is identical to ES4 except for model designation differences; E22 series is identical to model ES2 except for enclosure dimension and motor type; while E22E/E22D/E22L is identical to E22 except for the pattern of tail light, see Att2, illustration29 for details; E45 series is identical to E22 except for E45 with a second battery pack(mounted on the outer surface of the stem); while E45E/E45D/E45K is identical to E45 except for maximum speed differences. ES1L and ES1LD are similar to ES1 except that they use a new motor and ES1L uses a new charger.
2. Models E25 series is similar to model E45 series except using different cells and only have one internal battery pack; while E25D and E25A are identical to E25/E25E except for different model designation and maximum speed.
3. The electrical systems for the kick scooters have been evaluated for electric shock and fire hazards only, and consist of the battery pack, electrical controls, motor, lighting, other electrical components and circuits, and the charger. The physical hazards that may be associated with the use of personal e-mobility devices has not been conducted by CSA.
4. Products covered by this report are under CSA conformity testing program. Refer to section Component special pick up.
5. The product must be used in combination with manufacture specified charger in description report.

APPLICABLE REQUIREMENTS

ANSI/CAN/UL-2272: 2016 - Standard for Safety For Electrical Systems for Personal E-Mobility Devices, Edition 1



Certificate: 70143407
Project: 80073760

Master Contract: 267218
Date Issued: 2021-05-31

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The markings shall be legibly and permanently marked with:

- a) The manufacturer's name, trade name, or trademark or other descriptive marking by which may identify
- b) The organization responsible for the product;
- c) A distinctive (catalog or model) number or the equivalent;
- d) The electrical rating
- e) Maximum weight in lbs or kg and speed in mph or km/h;
- f) Scooters shall also be marked with the date of manufacture, which may be in the form of a code that does not repeat within 10 years.
- g) Scooters shall be marked with charging instructions. An example of such markings would be the following or equivalent Use Only () Charger.
- h) Scooters shall be marked as follows:

In English: WARNING – To reduce the risk of injury, user must read instruction manual

In French : «AVERTISSEMENT – Pour prévenir les blessures, l'utilisateur doit lire le manuel d'utilisation».

Or shall be marked with the sign M002 of the Standard for Graphical Symbols Safety Colours and Safety Signs, Safety Signs Used in Workplaces and Public Area, ISO 7010, and ISO 7010, No. W001 (i.e. exclamation point in triangle).

- i) Markings: 'Electrical systems for personal E-mobility device as to electrical shock and fire hazards only'
- j) The device may be or may not be marked with the minimum required IPX4 rating
- k) Scooters are marked with "Store the scooter in house when not riding" or equivalent to avoid exposure to UV and water exposure environment during storage.
- l) For Personal e-mobility devices with separable battery packs: "Use only () battery pack with this personal e-mobility device"
- m) On separable battery pack: "Use only with () personal e-mobility device"



Supplement to Certificate of Compliance

Certificate: 70143407

Master Contract: 267218

*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80073760	2021-05-31	Alternate one battery cell, model: INR18650/33V manufactured by EVE Energy Co., Ltd for models E25 series (C/US)
80056170	2021-01-06	Alternate one battery cell, model: INR18650/26L manufactured by Henan Great Power Energy Co Ltd. for scooter models E22 series, E45 series and ES1L and ES1LD and alternate one Protection IC for U4 and U5, model: CW1051ALBM_R-WSON-N8, manufactured by CellWise. (C/US).
80050272	2020-09-11	Alternate one motor, model: H30P105L30S-L manufactured by Taizhou Jinyu Electrical & Mechanical Co.,Ltd. for models E22 series.
80046230	2020-08-19	Add new scooter models: ES1L, ES1LD (C/US)
80040503	2020-07-30	Add new scooter models: E25/E25E/E25D/E25A(C/US)
80040492	2020-07-21	Add new scooter models: E45/E45E/E45D/E45K (C/US)
80027607	2020-03-27	Add new scooter models: E22, E22E, E22D, E22L, (C/US)
80004217	2019-08-01	Add new factory Flextronics Shah Alam Sdn Bhd
80004217	2019-06-18	Add Alternate MOSFET for Motor Drive, (C/US, ANSI/CAN/UL-2272: 2016, 1st edition)
70221206	2019-05-16	Add scooter model, ES3, (C/US, ANSI/CAN/UL-2272: 2016, 1st edition)
70221202	2019-04-25	Add new factory FOXLINK AUTOMOTIVE TECHNOLOGY(KUNSHAN)CO.,LTD
70197194	2018-09-26	Add Scooter model ES4, unfolded version.(C/US)
70185437	2018-08-08	Add cell model ICR18650/26V to Kick Scooter, models ES1, ES2 and ES4.(C/US)
70143407	2017-08-21	Original Certification. Electrical and Charger System of Two Wheels Electrical Kick Scooter, Models ES1, ES2 and ES4.(US)