

ES4-800RN E-Scooter

User's Manual

In order to ensure the safety of yours and others around you, you must thoroughly read and understand this manual before starting to ride.

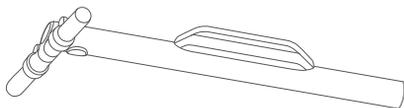
Please email Consumer Mobility Services at support@CMSwarranty.com for any questions that you might have.

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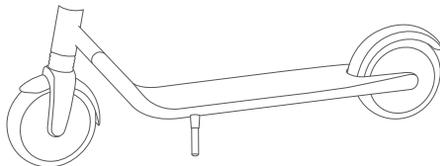
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Packing List

Neck:



Base:



Hardware:



Long Screw x 2



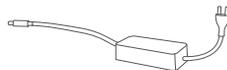
Short Screw
with Washers x 2



Riser Lock



Wrench



Battery Charger
with AC Cable

User Materials:



Assembling Your E-Scooter

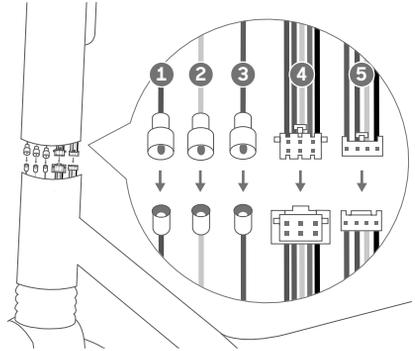
1. Connect the **5** wires securely to their matching color/port connections (otherwise the unit will NOT turn on):

- 1 Blue single-pin connector
- 2 Yellow single-pin connector
- 3 Brown single-pin connector
- 4 Six-pin connector
- 5 Four-pin connector



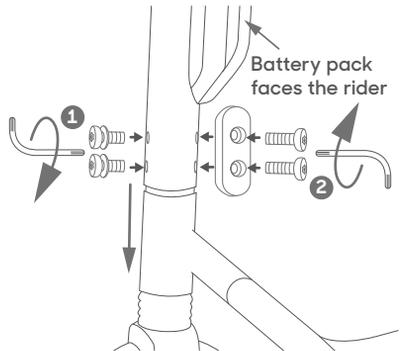
NOTE:

For the easy connection of wires, lay the base of the unit and the handlebar's post, next to each other, on a flat surface.

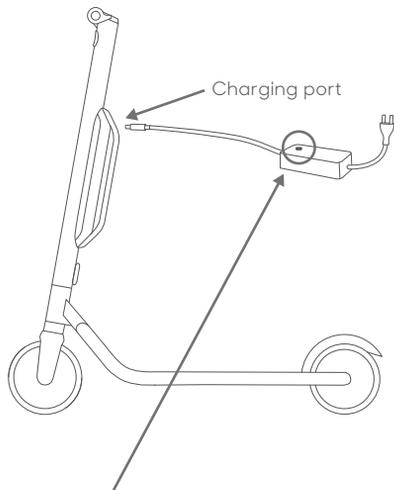


2. Slide the handlebar post into the base (the battery pack must be facing the rider). Install the **4** screws halfway before tightening them completely:

- 1 From the front side of the post, the **two** screws that come with washers should be used.
- 2 On the rider's side of the post, align the **two** remaining long screws through the Riser Lock.



Charging



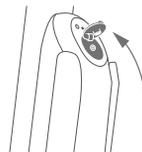
Charger LED indicator:

Charging = RED

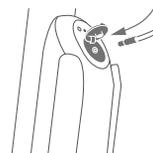
Charging completed = GREEN

Charging step tips:

1. Locate and open the charging port on the stem.



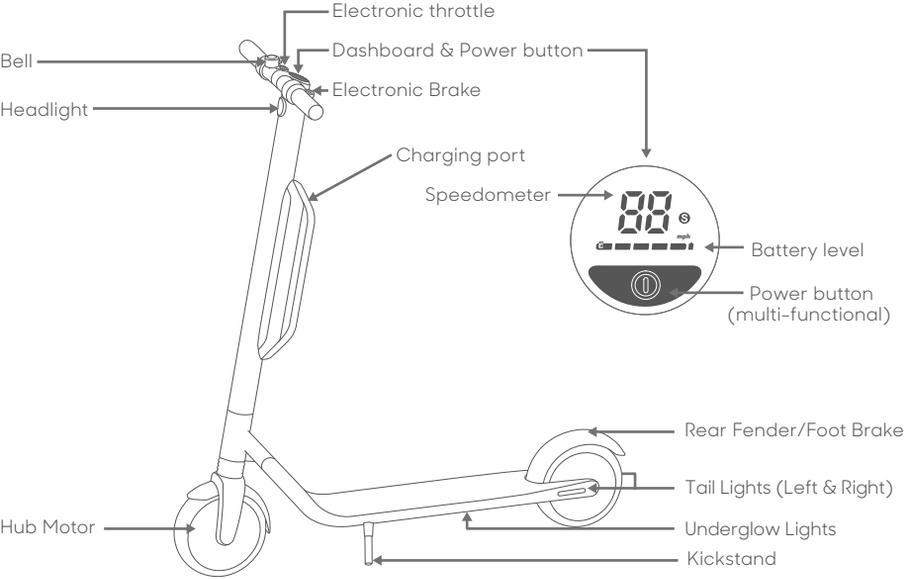
2. Insert the charger plug into the scooter's charging port.



3. When done charging, close the charging port cover.



Diagram



Riding

- 1 Wear an appropriate helmet and other protective gear.
- 2 Turn on the power and check the scooter's display to view battery level (If it is low, charge the E-scooter).
- 3 Stand on the deck with one foot and use your other foot to thrust/push off to gain momentum.
- 4 Once you gain some speed, make sure you bring both feet onto the deck and keep them stable. Once secured and balanced, press the black throttle (on the right side of the handlebar).
- 5 To slow down, just release the throttle. To make a more abrupt stop, use the red thumb-brake (on the left handlebar), and/or use the foot brake on the rear fender.
- 6 Shift your body weight and direct the handlebars to turn.



NOTE:

As a precaution, the motor will not engage until the scooter reaches 1.8 mph (3 km/h).

Safety Warnings

01. Like with any electric scooter, there are always risks of injuries, loss of control, accidents, etc. By riding this electric scooter ("product"), you acknowledge and accept any and all responsibilities of all risks associated with riding this product. Be aware that your lack of experience and practice in the riding the product, and lack of attention to this manual and the Quick Start Guide, can cause major injuries, which you are solely responsible for.
02. You **MUST** wear a CPSC-approved helmet, knee pads, elbow pads, and be at least 18 years of age, before riding this product.
03. You must first practice riding the product in a very slow speed, in an area that is free from any objects, i.e. pedestrians, curbs, trees, etc.
04. You must always follow the rules and regulations for riding an electric scooter in areas where you plan to ride the product. You need to always exercise good judgment when riding this product.
05. Riding on a fast speed will require a longer braking distance. Sudden braking on any surface can lead to slipping wheels, and falls. Accordingly, you must always keep a safe distance between yourself and people/objects/vehicles, etc.
06. Do not let anyone ride your product if he/she has not read the instructions in this manual, and/or does not have experience in riding electric scooters.
07. Do not ride this product if you are injured or not in normal health.
08. Do not ride this product if you are under the influence of alcohol or drugs.
09. Do not ride the product if you have problems with balancing.
10. Do not ride this product if you weigh over 220 pounds.
11. Do not ride this product if you do not have a 20/20 vision.
12. Do not ride this product if you are in an area that does not allow you to clearly see your surroundings.
13. Do not ride this product if you are in an area with roads that are not suitable for riding the product. Only ride this product in areas with no bumps.
14. Do not use any charger or accessory that is not approved to be used by this product.
15. Do not charge or ride the product under rainy conditions.
16. Do not charge the product if the charging port is wet.
17. Do not use the product for carrying objects.
18. Do not service the product on your own.

19. Do not place the product in fire, or close to a hot object.
20. Do not place the product in water, or any liquids.
21. Immediately unplug the product from electricity and/or turn off the product if the unit emits a smell, is too hot and looks abnormal.
22. Power off your product and unplug the charging cable before assembling, mounting accessories, or cleaning the mainframe.
23. Do not ride the product while it is being charged.
24. Do not pierce the battery.
25. In order to maintain your balance, wear flat shoes.
26. Do not continue charging the battery if you notice that recharging is not effective.
27. Maintain a moderate distance between yourself and others.
28. Do not ride the product if you are sleepy or tired.
29. Do not make sharp turns at high speeds.
30. Do not ride the product in crowded areas.
31. Do not ride the product while using your cell phone, laptop, or any other portable devices.
32. Before cleaning the product, make sure the unit is in OFF position, the unit is not plugged into AC, and the charging port's cap is firmly in place.
33. Do not press the throttle when walking the product.

Maintenance

1. Do not use a hose to clean your product...simply use a soft, wet cloth. Do not use alcohol or ammonia-based cleaning solutions. Do not spray any liquids on any parts of the product.
2. The product needs to be stored in a place with temperatures between 0° to 100° Fahrenheit. Do not store the product in areas that are subject to extreme temperature fluctuations.
3. In order to save battery, turn off the product while not in use.
4. At least, once a month, recharge the product, otherwise the battery can get fully discharged, thus affecting the product from getting charged in the future and damaging the battery.
5. The battery range and performance is best when the product is used at 70° Fahrenheit. Using the product at higher or lower temperatures would result in lower range and performance.
6. Do not attempt to take out the battery.
7. Follow your recycling and disposal's local ordinances and regulations.
8. Store the product in a cool, dry place. Do not store it outdoors for extended periods of time.

Specifications

Dimensions	Length x Width x Height	40x17x45" (102x43x113cm)
Weight	Net	30 lbs (16.3 kg)
Rider	Payload	55-220 lbs (25-100 kg)
	Recommended Age	18+ years
	Required Height	3'11"-6'6" (120-200 cm)
Scooter Parameters	Max. Speed	18.6 (30 km/h)
	Typical Range [1]	28 miles (45 km)
	Max. Slope	15%
	Traversable Terrain	asphalt/flat pavement; obstacles < 0.4 in (1 cm); gaps < 1.2 in (3 cm)
	Operating Temperature	14-104°F (-10-40°C)
	Storage Temperature	-4-122°F (-20-50°C)
	IP Rating	IP54
Battery	Nominal Power	36 VDC
	Max. Charging Voltage	42 VDC
	Charging Temperature	32-104°F (0-40°C)
	Nominal Capacity	374 Wh
	Battery Management System	Over-heating; Short circuit; over-current; over-charge protection
Motor	Nominal Power	300 W
	Max. Power	800 W
Charger	Output Power	71 W
	Input Voltage	100-240 VAC
	Output Voltage	42 VDC
	Output Current	1.7 A
	Duration of Charging	3.5 h
Features	Shock Absorber	Front
	Brake Light	LED rear light

[1] Typical Range: tested while riding under full power, 165 lbs (75 kg) load, 77°F (25°C), 60% of max. speed on average on pavement.

Certification

This product has been tested to and passed ANSI/CAN/UL-2272.

The battery complies with UN/DOT 38.3.

Federal Communications Commission (FCC) Compliance Statement for USA:

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This product complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Industry Canada (IC) Compliance Statement for Canada. This device complies with Industry Canada license-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

CAN ICES-3 (B)/NMB-3(B)

Vendor is NOT responsible for any changes or modifications not expressly approved by vendor. Such modifications could void the user's authority to operate the equipment.

Batteries or packaging for batteries are labeled in accordance with European Directive 2006/66/EC concerning batteries and accumulators and waste batteries and accumulators. The Directive determines the framework for the return and recycling of used batteries and accumulators as applicable throughout the European Union. This label is applied to various batteries to indicate that the battery is not to be thrown away, but rather reclaimed upon end of life per this Directive.

