



Smart City, Commute Lightly



SCRAMBLER V



SCRAMBLER S

Welcome to ride and enjoy Onewheel Electric Motorcycle

Caution: Please read all information in this manual carefully before you start riding on your new motorcycle. Safety instructions are very important and can not be overlooked. Failure to observe the safety and general instructions may result in serious injury. Save all safety warnings and instructions for future reference.



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Safety:

Before riding your SCRAMBLER V & S on open roads, please take time to familiarize yourself with the operation of the motorcycle and electric assist system in a quiet place, away from traffic or hazards.

1.Children must not use the charger and ride motorcycle. Supervise children during cleaning and maintenance. Children must not play with the charger. Otherwise, there is a danger of operating errors and injuries.

2.Always wear a helmet when riding your electric motorcycle. Ensure that the helmet fits your head and is securely tightened down. Before riding, read local laws and comply with all rules relating to cycling in your area. If you ride with children, they must also be wearing a properly fitted helmet at all times.

3.Before each ride make sure to inspect your motorcycle to ensure there are no loose fasteners or accessories. Check that all wheel nuts are properly tightened, keep brakes and gears properly adjusted and operating cables in good condition.

4.This electric motorcycle can withstand light rain and small splashes, but is not designed to be subjected to inclement weather, heavy showers, or submersion in water. Use caution when riding in wet conditions as it will take longer to use the brakes to slow down, and also when turning as the tires may slip.

5.Keep both hands on the grips on the handlebar and the brake levers within reach while riding, to be able to immediately respond to any circumstance. Failing to do so can cause you to lose control over the bicycle.

6.Riding at night comes with more risks than riding during the day due to decreased visibility so riders are encouraged to exercise increased caution. Before riding at night make sure that reflectors are installed on your motorcycle. For increased visibility also ensure the front headlight and rear tail light are turned on and adjusted such that other people on the road can see them clearly. Riders should wear bright colored clothing at night.

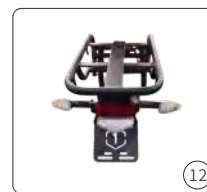
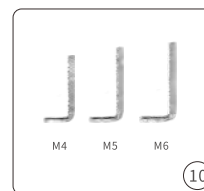
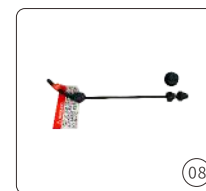
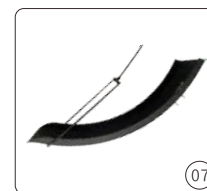
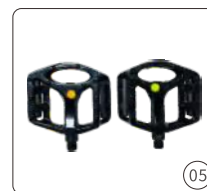
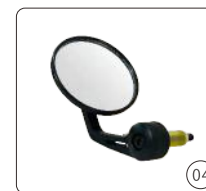
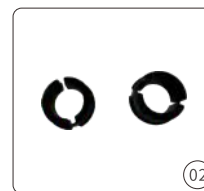
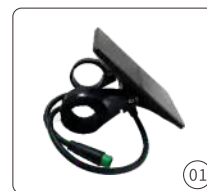
7.Never exceed the maximum permissible load of the motorcycle with any kind of load. maximum load not exceeding 125kg (rider, luggage weight included).

8.Keep the battery & charger away from water, open fire, children, and pets. Do not cover the battery & charger or place objects on top of it. Stop the charging procedure immediately if you notice a strange smell or smoke.

9.SCRAMBLER is not intended for stunts, or danger extreme sports.

10.The motorcycle is designed to work in a at temperatures between -5°C and 45°C. The battery should be stored in a dry location, in a temperature range above 0 °C and below 20 °C, the optimum storage temperature is 10 °C.

Accessories and attachments:



01.LCD display

02.Rubber ring

03.Headlight

04.Mirrors

05.Pedals

06.Battery charger

07.Mudguard

08.Quick release

09.Wrench

10.M6 Allen wrench

11.Manual

12.Rear rack (Only Scrambler S)

13.Saddle (Only Scrambler S)

9. Installation of Rear Rack (Scrambler V saddle are factory installed and do not need to be installed, Scrambler S saddle need to be installed by yourself.

The Required accessories and attachments



Rear rack



M6 Allen wrench



8-10# Wrench



Unscrew the four screws on the frame



Align the rear rack with the screw holes and attach the screws



Use an M6 Allen wrench and a 10mm wrench to tighten and secure the rear rack



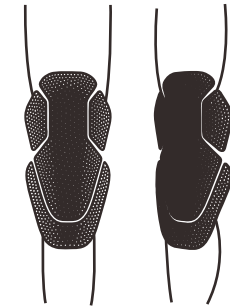
After installing the rear rack



Connect the rear light power line (strictly follow the directional arrow on the line)

11. Only use the supplied charger or chargers authorized for use by Onemile to charge the battery, using an unauthorized charger could cause overheating, bursting or ignition of the battery, which could result in serious injury or damage to property. Follow the charging instructions and take notice of the charging instructions. If the charger or charging cable becomes damaged, do not use the charger and have it inspected.

12. Read and follow the national legal requirements of the country where you are riding in relation to motorcycle, and electric assist motor, and comply with all applicable traffic laws.



In order to fully utilize your electric motorcycle, please read the following recommendations carefully:

- Before and after each ride, check the screw connections, especially the bearings and brakes;
- Lubricate the chain every 150 kilometers;
- Regularly check the tire pressure;
- Avoid jumping or performing other stunt maneuvers while riding the electric motorcycle to prevent the risk of structural failure. If used frequently, check the structural condition regularly.;
- Periodically check the condition of the brakes (cutting, twisting, tearing, damage, fluid level);
- Always wear certified protective gear, such as a helmet, gloves, elbow pads, and knee pads;
- Do not ride under the influence of alcohol or after injecting anesthetic drugs;
- Be cautious when riding in rainy weather.

Warning:



Read this entire manual before assembling or using your new electric motorcycle. Do not modify, disassemble, or replace the original electrical components on your electric motorcycle. Doing so will invalidate your warranty and could put you in danger. Riding any type of motorcycle comes with some risks which can't be predicted or avoided. Taking proper care of motorcycle components can lower the risk of sudden failure of components but can not prevent it. These sudden failures could cause serious harm, injury, or death to the rider. If you notice abnormalities in any component on the motorcycle, take it to a licensed mechanic to be repaired or replaced immediately. Onemile LLC assumes no liability for harm, injury, or death of the rider.



For a safer riding experience, you must read and comply with all instructions and warnings in this manual.

For information on where and how to legally use electric vehicles, please refer to local traffic laws and regulations. You must comply with all applicable laws, and failure to do so may result in legal consequences for the individual.

This manual contains basic operating instructions for the electric vehicle but may not cover all situations that could lead to injury or death. Users should exercise caution and have a sense of danger avoidance when using this electric vehicle.



Connect the power line (align the two arrows and insert)



Tighten the screw with a 13mm wrench



Finally, tighten the headlight bracket

7. Paddle Installed

The Required accessories and attachments



Left pedal, right pedal



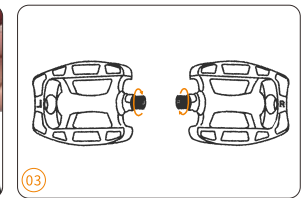
13-15# Wrench



Left pedal: Tighten counterclockwise with a 15mm wrench



Right pedal: Tighten clockwise with a 15mm wrench



Left pedal marked 'L', right pedal marked 'R'.

Note: Initially, it should be easy to tighten. If it becomes difficult, do not force it. If needed, apply a small amount of lubricating oil on the threads.

8. Installation of Saddle (Scrambler V saddle comes pre-installed and does not require installation, Scrambler S saddle needs to be installed manually)

The Required accessories and attachments



Saddle



8-10 #Wrench



Loosen the 6 nuts at the bottom of the Panasonic seat cushion



Align the screws with the screw holes on the frame



Tighten with a 10# wrench

5. Installation of the front mudguard

The Required accessories and attachments



Mudguard



8-10# wrench



M4 Allen wrench



M6 Allen wrench



01 Loosen the screws securing the horn



02 Screw in the 2 screws on the mounting point of the mudguard crossbar



03 Secure the mudguard in place, thread the screws and nuts for the horn onto the front fork



04 Insert the screws and washers into the two crossbars of the mudguard and then tighten them.



05 Connect the two wires of the horn

6. Installation of headlight

The Required accessories and attachments



Headlight



13-15#Wrenches



01 Remove the screws on both sides of the headlight



02 Extend the headlight bracket



03 Secure the headlight to the outermost hole on the bracket with the screw

Using the electric vehicle indicates that you accept the risks associated with using this product. Failure to follow the instructions in this manual may result in serious injury or accidents.

Our warranty is subject to strict adherence to our after-sales guidelines. The innovations and specific developments in this manual are created by Onemile. Do not lend or provide this electric vehicle to any users who are not aware of its operation.

Important Notice:



Be sure to charge the battery before it is completely discharged, as excessive discharge can shorten the battery's lifespan.

The performance of the battery may decrease in low temperatures. For example, at -5°C , the range of the battery might be reduced to half of what it is at normal temperatures. If the battery is not charged for an extended period, it may not function properly. Damages resulting from this are not covered by the warranty. By using this product, you accept the warranty limitations described in our sales terms and conditions.

Please read this user manual carefully to comply with all assembly and usage recommendations. There are risks of malfunctions that may fall outside the warranty coverage.

For any preventive maintenance operations, please contact your dealer or Onemile after-sales service department.

This warranty is only valid upon submission to Onemile company or its authorized representative, accompanied by proof of product purchase date and location, such as the purchase receipt.

Product Description/Specifications:

SCRAMBLER V



Product Name	SCRAMBLER V
Battery	52V19.2AH Lithium battery (Samsung cell)
Charge Time	5-6hours
Tire	20"X4.0" CST
Range	45~80 km (depending on riding mode)
Brake	NUTT Hydraulic Disc Brake 203mm Discs
Speed	45km/h
Weight	42 kg
Suspension	Front hydraulic damping, rear spring damping
Light	Far and near headlights, running lights, brake lights
Motor	Rear Wheel 850W
Derailleur	Shimano 7-speed ALTUS 7S
Speed Mode	Five Level
Maximum Payload	125 Kg

Factors affecting the range of electric motorcycle:

Depends on the electric mode, external conditions (temperature, road surface), rider weight, average speed, and battery life.



First, use an M2 Allen wrench to tighten the two screws behind the LCD display



Then, connect the wires at both ends of the LCD display



Blue to blue, green to green

3. Installation indicator lights

The Required accessories and attachments



Left turn signal



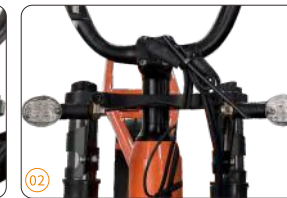
Right turn signal



12-14 Wrench



Spread open the fixed plates on both sides and install the indicator lights in the third hole



And tighten the nut (light on the outside, nut on the inside), then use a 14mm wrench to tighten the nut



Connect the power lines, align the two arrows, and secure them

4. Installation of Front Tire

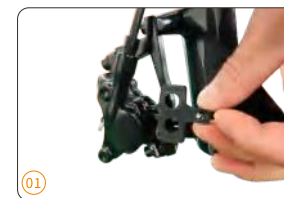
The Required accessories and attachments



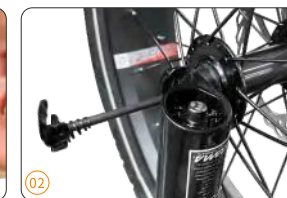
Quick-release lever



Spring, nut



Remove the plastic block on top of the disc



Install the quick-release lever from one side, then install the spring and nut from the other side



Tighten the nut on the quick-release lever, tighten the spring and

Note: When tightening, your fat-tire bike should be completely upright. Do not tighten the screws when the kickstand is down. Squeeze the brake lever 3-4 times; this will allow the brake pads to realign correctly. Check if the brake caliper is properly adjusted and if there is no friction when the wheels rotate.

Assembly:

1. Installation of handlebars

The Required accessories and attachments



Handlebar



M4 hexagon socket screw



M4 Allen wrench



01 First, use an M4 Allen wrench to remove the 4 screws on the handlebar



02 Center the handlebar on the stem



03 Assemble the handlebar using an M4 Allen wrench and 4 screws



04 Adjust the handlebar and then tighten the 4 screws

2. Installation of LCD Display

The Required accessories and attachments



Instrument panel



Rubber ring



M2 Allen wrench



01 First, use an M2 Allen wrench to remove the two screws behind the LCD display



02 Install the two rubber rings onto the handlebar



03 Then, place the LCD display over the rubber rings

SCRAMBLER S

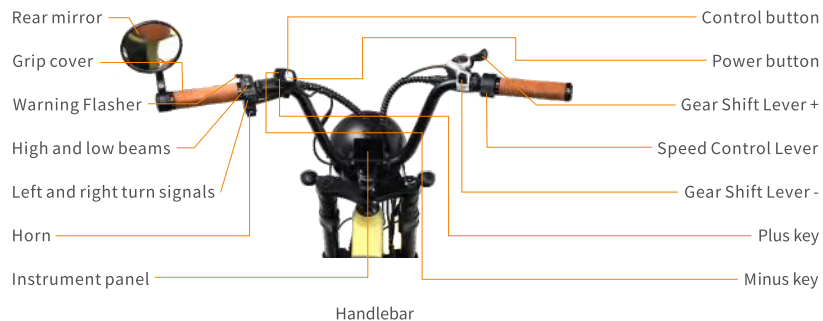


Product Name	SCRAMBLER S
Battery	52V19.2AH Lithium battery (Samsung cell)
Charge Time	5-6 hours
Tire	20"X4.0" CST
Range	45-80 km(depending on riding mode)
Brake	NUTT Hydraulic Disc Brake 203mm Discs
Speed	45 km/h
Weight	36 kg
Suspension	Front Hydraulic Suspension
Light	Far and near headlights, running lights, brake lights
Motor	Rear Wheel 850W
Derailleur	Shimano 7-speed ALTUS 7S
Speed Mode	Five Level
Maximum Payload	125 Kg

Factors affecting the range of electric motorcycle:

Depends on the electric mode, external conditions (temperature, road surface), rider weight, average speed, and battery life.

RideControl:



Maintenance and Care:



The battery must be removed when making adjustments or performing maintenance.

Cleaning & Storage:

1. Use a damp cloth to wipe away dirt or dust. For stubborn stains, scrub with a toothbrush, then clean with a damp cloth.
2. Scratches on plastic parts can be removed or reduced using sandpaper.
3. Do not use alcohol, gasoline, kerosene, or other corrosive chemicals for cleaning.
4. Store in a cool, dry place indoors.
5. Please do not store in low or high-temperature environments, as exposure to sunlight or the natural environment can damage the controller and its battery.

Maintenance and care of the battery:

1. Do not replace the battery with batteries of other brands or models;
 2. Do not disassemble or puncture the battery;
 3. Do not let the battery come into contact with metal objects;
 4. It is essential to use the provided original charger;
 5. Do not attempt to use any other charger to charge the battery;
 6. Do not store the electric bike or battery in an environment exceeding 45°C or below -5°C;
 7. Do not throw the battery into the fire;
 8. When storing the battery at room temperature, it should have at least 40% to 50% remaining.
- Charge the battery every 3 months to prevent over-discharge. If the battery cannot be charged even with the correct charging method after long-term storage, it indicates the need for battery replacement.

(3) Overcurrent Protection: Charging is automatically halted if the battery voltage exceeds the preset value to safeguard the battery;

(4) Overdischarge Protection: Discharging is automatically halted when the battery reaches its minimum value to protect the battery;

(5) Short Circuit Protection: Output is automatically stopped if a short circuit occurs in the battery;

(6) Sleep Mode: Automatically enters sleep mode after 5 minutes of inactivity when not in use;

Including lithium batteries that should be safely recycled, you can contact your dealer or find the most suitable recycling method for your location and battery condition.

Battery Safety:



1. Always check the charger, cable and plug before use;

2. Stop using the charger if you discover any damage;

3. Do not open the charger. Damaged chargers, cables and plugs increase the risk of electric shock;

4. Do not operate the charger on an easily ignited surface (e.g. paper, textiles, etc.) or in a flammable environment;

5. There is a risk of fire due to the charger heating up during operation. Take care if you touch the charger while it is charging. Wear protective gloves. The charger can get very hot, especially when the ambient temperature is high;

6. The battery may give off fumes if it becomes damaged or is used incorrectly. Ensure the area is well-ventilated and seek medical attention should you experience any adverse effects. The fumes may irritate the respiratory system;

7. Carefully cover the charging socket with the flap after charging the electric motorcycle. This ensures that no dirt or water gets in;

8. Lithium Ion batteries can be dangerous. Take care when using and charging your battery. Failure to follow the above guidelines could result in damage to property and/or serious injury. Contact Onemile immediately if you have any questions regarding battery safety.

How to Recharge:

1. Ensure the battery is turned off;

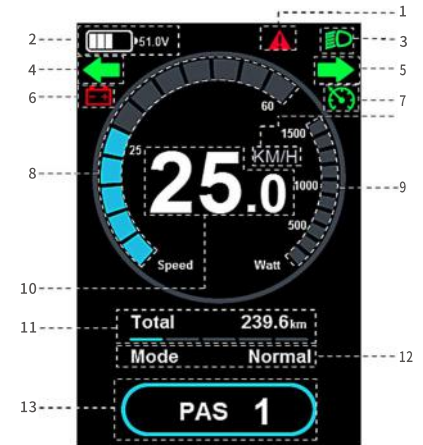
2. Connect the charger to the power outlet, then connect the charger to the battery.

(Failure to follow this sequence may result in damage to the battery and electronic devices.);

3. When the indicator light is green, it indicates that the battery is fully charged.



LCD Display Function:

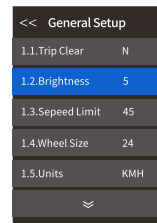
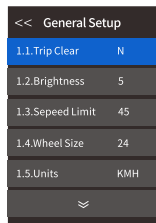
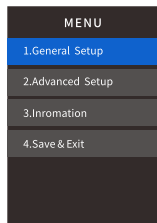


1. Malfunction occurs: The controller blinks at a one-second frequency when a fault occurs;
2. Battery Status: Display shows the current remaining battery level, and it will blink if the battery level is too low;
3. Light Indicator: This area displays symbols for high beam and low beam headlights;
4. Left Turn Signal: The indicator flashes when the left turn signal is activated;
5. Right Turn Signal: The indicator flashes when the right turn signal is activated;
6. Under Voltage: When the icon lights up, it indicates that the battery is in an under-voltage state;
7. Cruise Control: Enable cruise control in the settings menu, press and hold the throttle and + button for 3 seconds, and the vehicle will enter cruise control mode. Note: You can press the throttle or brake to exit cruise control.
8. Display real-time speed in the form of a progress bar;
9. Power Indicator: Real-time output power of the motor;
10. Speed Display: Shows the current riding speed in kilometers per hour (km/h) or miles per hour (mph) based on user settings;
11. LCD Display Information:
 - (1) Trip: Displays the mileage for a single trip;
 - (2) The total Records all historical mileage, cumulative value cannot be cleared; (ODO: Total riding distance since first use. TRIP: Riding time since last reset) ;
 - (3) Time: Displays the duration of the current ride;
12. Riding Mode Selection: ECO (1/2), NORMAL (3/4), POWER (5), three riding modes, each mode corresponds to its interface theme skin;
13. Displays the output power level, with the default level ranging from 0 to 5. When set to higher numbers, the motor will come on stronger. On lower numbers, it will be more gentle.

Settings Overview:

Click SET2 seconds to enter the general settings interface

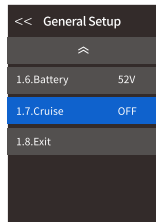
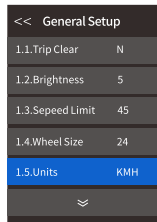
1.General Setup:



1.1 For a single trip distance, it will automatically reset after shutting down.

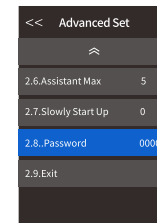
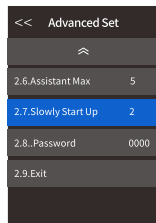
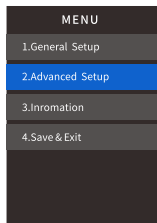
1.2 Backlight setting (1 is the dimmest, 5 is the brightest).

1.5 KM/H OrMPH.



1.7 Setting Riding Modes (ECO, Normal, Power)
There are three modes, and each mode corresponds to its interface theme skin.

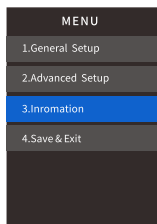
2.Advance Setup:



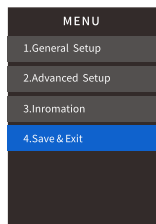
2.7 Slowly Setup Sensitivity: 0 is the highest, 3 is the lowest, factory preset is 2. Excessive sensitivity may lead to dangerous control. Please adjust after becoming familiar with the operation.

2.8 Password (none).

3.Display current instrument information including software version, hardware version, and fault information.



4.After saving and exiting the settings, the information is automatically saved, and the system exits.



※When the riding speed is 0 kilometers/hour for a continuous 5 minutes, the system will automatically enter sleep mode. (Instrument 1.3 speed limit setting, 1.4 wheel diameter setting, 1.6 voltage setting, 2.1 current limit setting, 2.2 speed measurement magnet setting, 2.3 start magnet count, 2.4 dynamic rotation factory setting, 2.5 handlebar assist gearshift (Y indicates gearshift, N indicates no gearshift), 2.6 assist levels are all default factory settings and cannot be changed).

Battery Usage Guide:

Battery removal & installation:

The battery is removable, and it can be done in 2 steps: unlock with the key and remove from the Battery track.



1.Remove the Battery:



Insert the key into the lock, rotate it clockwise, and hold it in place



Hold the battery and slide it from the right to the left side, then lift it upwards



At this moment, please be careful not to let the battery fall and hit the ground, then remove the key

2.Battery Installed:



Insert the key into the lock



Insert the battery into the positioning groove, and slide the battery from left to right



After hearing a 'click' sound, confirm that the latch is secured

1.First-time charging: Before the initial use, ensure that the battery is fully charged, When the LED light on the charger is red, it need to be charged. Once fully charged, the indicator light is green;

2.Battery Characteristics:

The battery has the following built-in features:

(1)Balanced Charging Protection: During the charging process, the battery automatically balances the voltage among internal cells to protect each individual cell;

(2)Overcharge Protection: The battery automatically stops charging when it reaches full capacity to prevent damage;