



Mearth  
GTS/GTS Max

User Manual  
2021-2023

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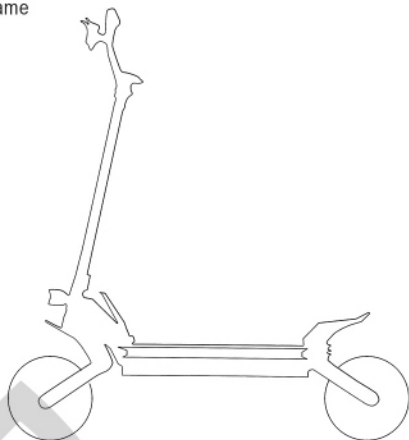
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# 1 Packing List

Handle



Mainframe



User Materials

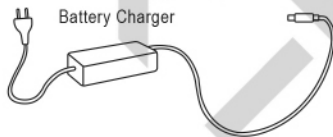


Accessories

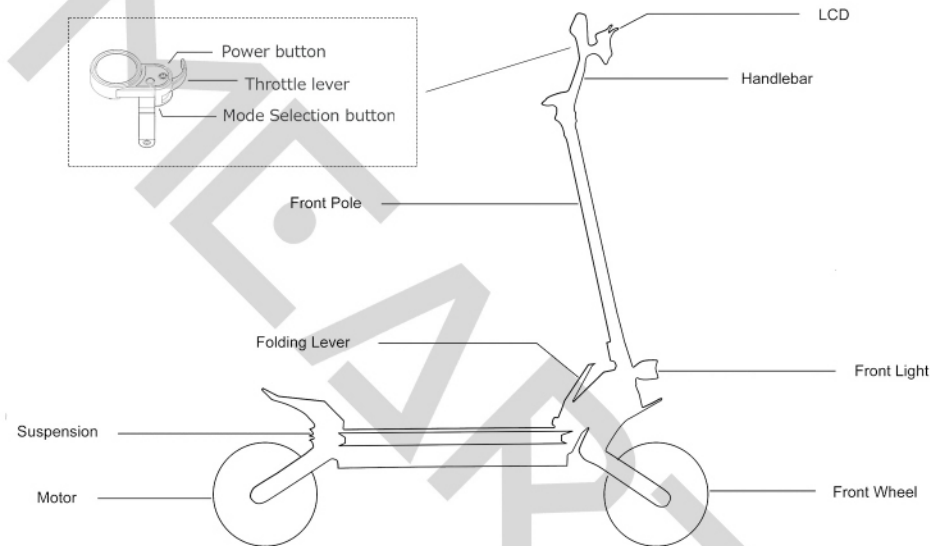
M4 Flathead Screw x5  
(one extra)



Battery Charger



## 2 Diagram



### Dashboard & Power Button

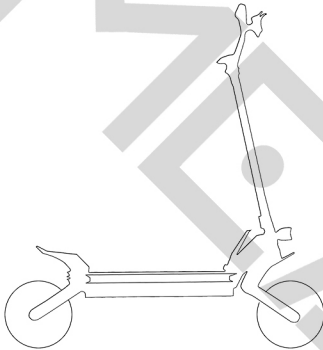
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#### Riding mode:

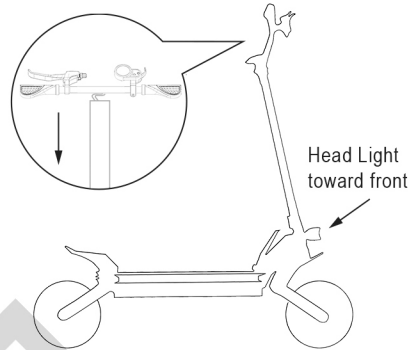
- Sport+ mode (maximum power/speed and reduced range).
- Sport mode (moderate power/speed and range).
- Eco mode (minimum power/speed and increased range).

### 3 Assembling Your Mearth Scooter

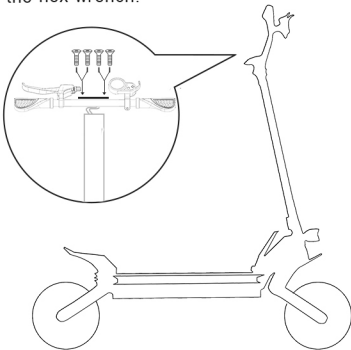
1. Unfold the stem and push it until you hear a click. Then unfold the kickstand to support the scooter.



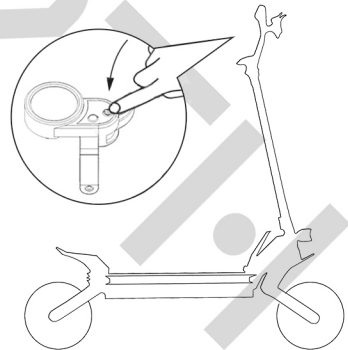
2. Firmly connect the wires inside the handle and the stem. Slide the handle onto the stem. Be aware of the correct orientation.



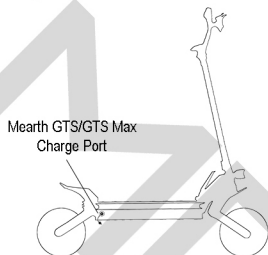
3. Install four screws (two on each side) with the hex wrench.



4. Verify that your Mearth Scooter powers on and off.



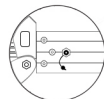
## 4 Charging



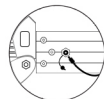
### ⚠ WARNING

Do not connect the charger if the charge port or charge cable is wet. Your Mearth scooter is fully charged when the LED on the charges from red (charging) to green (trickle charge). Close the charge port cover when not charging. Do not charge overnight, do not charge longer than maximum charging time. Must be supervised while charging. Failure to do so may cause product failure which could lead to injuries and property damage. GTS Max has two charging ports and showed time is with maximum charging input. Box includes one charger only. Charging may also vary with battery status, temperature and unstable input.

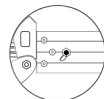
### Charging step tips



Open the charge port cover.



Insert the Charge plug.

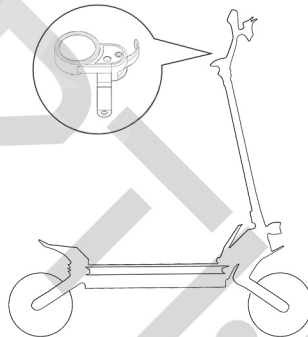


Close the Charge port cover when finished.

## 5 Learning to Ride



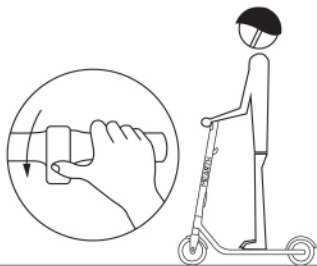
Wear an approved helmet and other protective gear to minimize any possible injury.



1. Power on the scooter and check the indicator lamp power level. Charge the scooter if the battery level is low.

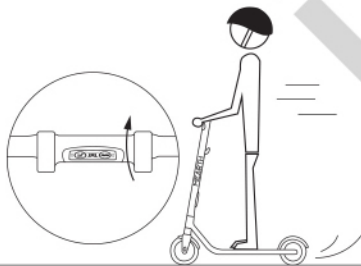


2. Stand on the footrest with one foot and push off with your foot to start gliding.

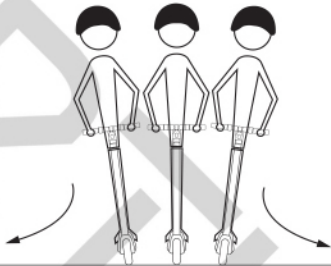


3. Put your other foot on the footrest to keep both feet stable. Press the throttle on right hand to speed up when you are balanced.

Note, For your safety, the motor will not engage until the scooter reaches 1.8 mph (3km/h).



4. Slow down by releasing the throttle; stir the brake handle thumb shifter quickly and stamp the fender with foot at the same time to trigger mechanical braking in order to make a sharp brake.



5. To turn, shift your body weight and turn the handle slightly.

**⚠ WARNING**

When braking rapidly you risk serious injury due to loss of traction and falls. Maintain a moderate speed and look out for potential hazards.

## 6 Warnings

### ⚠ WARNING

Failure to follow these instructions could lead to serious injury.



⚠ DO NOT ride the scooter in the rain.



⚠ DO NOT ride over speed bumps, thresholds, or other bumps at HIGH SPEED.



⚠ Watch your head when passing through doorways.



⚠ Watch your speed when traveling downhill. Use both brakes together when traveling at high speed.

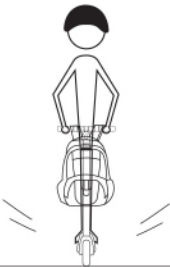




⚠ DO NOT press the throttle when walking with the scooter.



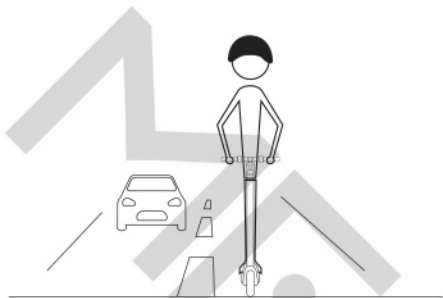
⚠ Avoid contacting obstacles with the tire / wheel.



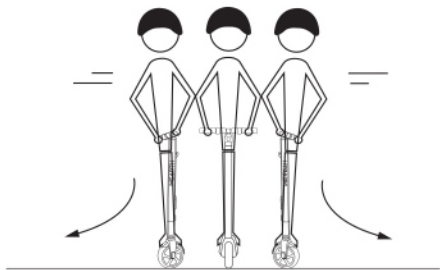
⚠ DO NOT carry heavy objects on the handlebar.




⚠ DO NOT ride the scooter with only one foot.




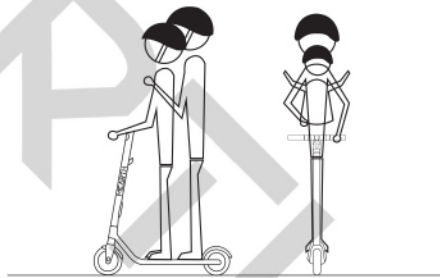
 DO NOT ride on public roads, motorways, or highways.




 DO NOT rotate the handle violently while driving at high speed.




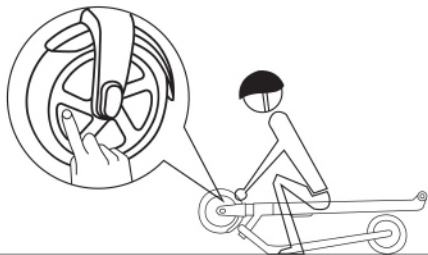
 DO NOT ride through puddles or other bodies of water deeper than 1 inch (2 cm).




 The Mearth Scooter is for one rider only. Do not ride double or carry any passengers. Do not carry a child.




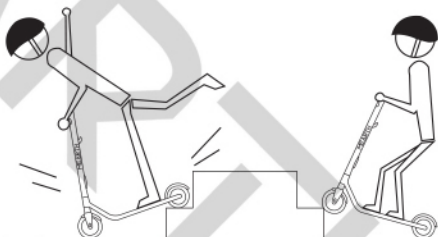
 DO NOT step on the folding pedal while riding.




 DO NOT touch the hub motor after riding because it can get hot.

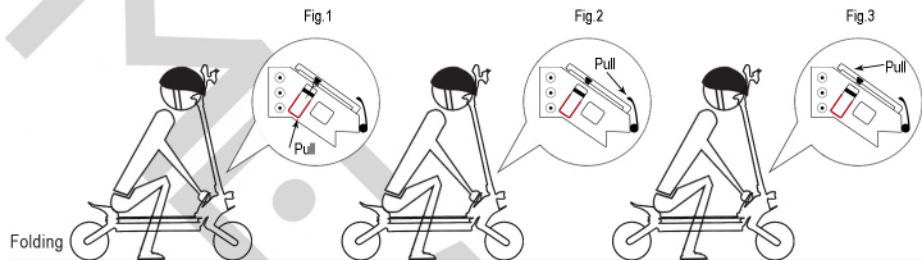


 DO NOT take your hands off the handlebar while riding. Do not ride with one hand only.



 DO NOT ride up and down stairs or jump over obstacles.

## 7 Folding and Carrying



First, pull the safety tab with the silicon handle (Fig 1), then pull the other lock (Fig 2) and finally pull the lever (Fig 3) to fold the e-scooter.



When your Mearth Scooter is folded up, simply lift it by the stem to carry.

## 8 Maintenance

### Cleaning and Storage

Use a soft, wet cloth to wipe the mainframe clean. Hard to remove dirt can be scrubbed with a toothbrush and toothpaste, then cleaned with a soft, wet cloth. Scratches on plastic parts can be polished with fine grit abrasive paper.

#### NOTE

Do not wash your Mearth Scooter with alcohol, gasoline, acetone, or other corrosive / volatile solvents. These substances may damage the appearance and internal structure of your Mearth Scooter. Do not wash your Mearth Scooter with a power washer or hose.

Make sure the Mearth Scooter is powered OFF, the charging cable is unplugged, and the rubber cap on the charge port is tightly sealed before cleaning; otherwise you may damage the electronic components.

Store your Mearth Scooter in a cool, dry place. Do not store it outdoors for extended periods of time. Exposure to sunlight and temperature extremes (both hot and cold) will accelerate the aging process of the plastic components and may reduce battery life.

### Battery Pack Maintenance

Do not store or charge the battery at temperatures outside the stated limits (see Specifications). Do not puncture the battery. Refer to your local laws and regulations regarding battery recycling and / or disposal.

A well maintained battery can perform well even after many miles of riding. Charge the battery after each ride and avoid draining the battery completely. When used at room temperature (70°F[22°C]) the battery range and performance is at its best; whereas using it at temperatures below 32°F (0°C) can decrease range and performance. Typically, at -4°F (-20°C) range can be half that of the same battery at 70°F (22°C). Battery range will recover when temperature rises. More details are available in the App.

#### NOTE

Typically, a fully charged battery should retain charge for 120-180 days in Standby Mode. A low-power battery should retain charge for 30-60 days in Standby Mode. Remember to charge the battery after each use. Completely draining the battery may cause permanent damage to the battery. Electronics inside the battery record the charge-discharge condition of the battery; damage caused by over-discharge or under-discharge will not be covered by the Limited Warranty.

⚠ WARNING

⚠ WARNING

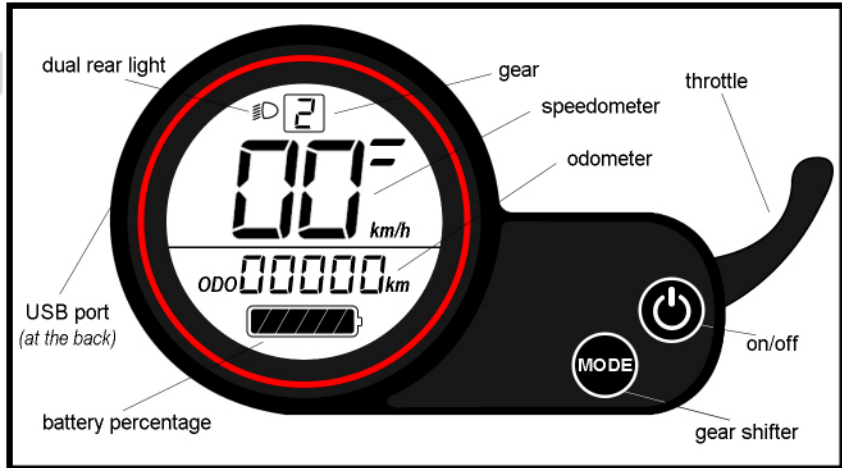
Do not ride when the ambient temperature is outside the machine operation temperature (see Specifications) because low / high temperature will limit the maximum power / torque. Doing so could cause personal injury or property damage due to slips or falls.

## 9 Specifications

|                    | Item                           | Mearth GTS/GTS MAX   |
|--------------------|--------------------------------|--|
| Dimensions         | Unfold:Length x Width x Height | 1210mm x 590mm x 1280mm  |
|                    |                                |  |
| Weight             |                                | <b>33-41KGS</b>  |
| Rider              | Payload                        | 25-150KG   |
|                    | Recommended Age                | 18+years   |
| Machine Parameters | Required Height                | (120-200cm)  |
|                    | Capped Max.Speed               | 15.5mph (25km /h )   |
|                    | Limit Max Speed                | 50-70KPH   |
|                    | Maximum Range [1]              | 70-100Km   |
|                    | Max Slope                      | 30.0%  |
|                    | Operating Temperature          | 14-104°F(-10-40°C)   |
|                    | Storage Temperature            | -4-122°F(-20-50°C)   |
|                    | IP Rating                      | IP54   |
| Battery            | Nominal Voltage                | 48-52VDC   |
|                    |                                |  |
|                    | Charging Temperature           | 32-104°F (0-40°C)  |
|                    | Nominal Capacity               | 13-20.4AH  |
|                    | Battery Management System      | Over-heating,short circuit,over-current and over-charge protection |
|                    | Number Of Batteries [2]        | 1  |
| Charger            | Output Power                   | 107W-180W  |
|                    | Input Voltage                  | 100-240VAC   |
|                    | Output Voltage                 | 58.8VDC  |
|                    | Output Current                 | 2A   |
|                    | Duration of Charging           | 3.5h-6h  |
| Features           | Shock Absorber                 | front&rear   |
|                    | Brake Light                    | LED rear light   |
|                    |                                |  |
|                    | Riding Modes                   | Eco mode,Sport mode and Sport+ mode                                |

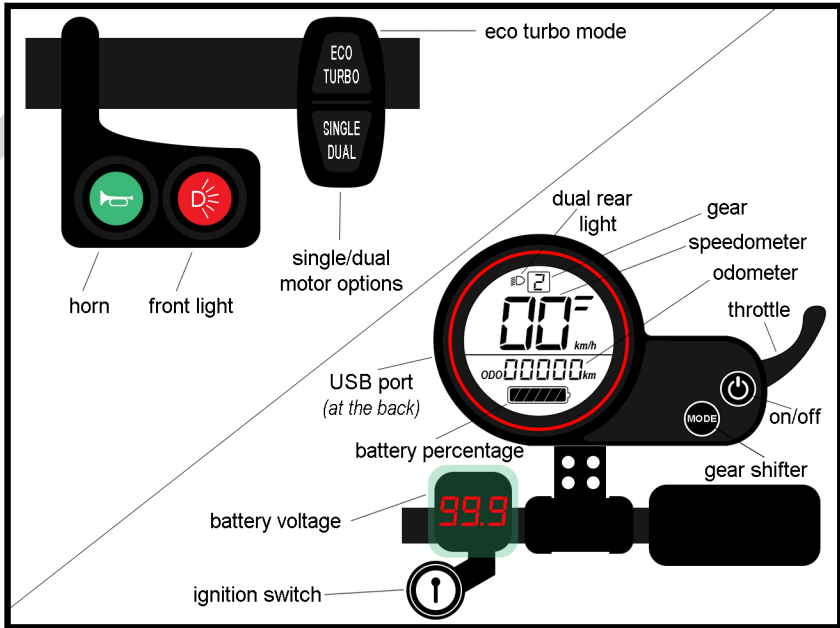
<sup>[1]</sup>Maximum Range : tested while riding under full power, 165 lbs (75kg) load, 77°F ( 25°C) , 60% of max. speed on average on pavement.

## 10 Display Instructions for GTS



1. Press and hold the "on/off" button until you see the display to activate the e-scooter and vice versa.
2. To change gears, simply press the "MODE" button.
3. Press the "on/off" button to display the **trip meter, battery voltage, and odometer**.
4. To activate the **dual rear light**, press and hold the "MODE" button for 3 seconds until you see the rear light icon on the LCD.
5. You can use the USB port at the back of the LCD for your other devices.
6. To open front light, press the light button beside the horn button at the left side of the handlebar.

## 10 Display Instructions for GTS Max



1. Turn the **ignition key** clockwise then press and hold the "on/off" button until you see the display to activate the e-scooter and to turn it off, just simply turn the **ignition key** counter clockwise.
2. The Gts Max is in **dual motor** function when turned on. You can change it to **single motor** function by just pressing the **single/dual** motor button.
3. To change gears, simply press the "MODE" button.
4. Pressing **eco turbo** will give extra power and speed when in higher gear & in dual motor function.
5. Press the "on/off" button to display the **trip meter, battery voltage, and odometer**.
6. To activate the **dual rear light**, press and hold the "MODE" button for 3 seconds until you see the rear light icon on the LCD.
7. You can use the USB port at the back of the LCD for your other devices.
8. To open front light, press the light button beside the horn button at the left side of the handlebar.