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About This Manual

This manual contains details of the MEEBIKE electric bike and information on its operation and maintenance as well as other helpful tips for owners. Read it carefully and familiarize yourself with the MEEBIKE before using it to ensure safe use and prevent accidents. Be sure to retain this manual as your convenient MEEBIKE information source.

This manual contains many “Warnings” and “Cautions” concerning the safe operation of this bike and potential consequences of failure to perform safe setup, operation and maintenance. All information in this manual should be carefully reviewed and if you have any questions you should contact MEEBIKE immediately. The notes, warnings and cautions contained within the manual and marked by this triangular Caution Symbol should also be given special care. Users should also pay special attention to information marked in this manual beginning with “NOTICE.”

Because it is impossible to anticipate every situation or condition which can occur while riding, this manual makes no representations about the safe use of bicycles under all conditions. There are risks associated with the use of any bicycle which cannot be predicted or avoided, and which are the sole
responsibility of the rider. You should keep this manual, along with any other documents that were included with your bicycle, for future reference. However, all content in this manual is subject to change or withdrawal without notice. Visit www.meebike.com to download the latest version. MEEBIKE makes every effort to ensure accuracy of its documentation and assumes no responsibility of liability if any errors or inaccuracies appear within. Assembly and first adjustment of your MEEBIKE requires special tools and skills and it is recommended that this should be done by a trained bicycle mechanic if possible.
## Package Contents

Carefully check package contents, if anything is missing or damaged, please contact Meebike customer service for support: info@Meebike.com

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Manual</td>
<td>1</td>
</tr>
<tr>
<td>Fender</td>
<td>1</td>
</tr>
<tr>
<td>Pedals</td>
<td>2</td>
</tr>
<tr>
<td>Keys</td>
<td>2</td>
</tr>
<tr>
<td>Charger</td>
<td>1</td>
</tr>
<tr>
<td>Wrenches</td>
<td>2</td>
</tr>
<tr>
<td>Front Wheel</td>
<td>1</td>
</tr>
<tr>
<td>Fender</td>
<td>1</td>
</tr>
<tr>
<td>Keys</td>
<td>2</td>
</tr>
<tr>
<td>Hex Wrench</td>
<td>1</td>
</tr>
<tr>
<td>Wrenches</td>
<td>2</td>
</tr>
<tr>
<td>Headlight</td>
<td>1</td>
</tr>
</tbody>
</table>
## Product Specification

<table>
<thead>
<tr>
<th>Battery</th>
<th>48V20AH Samsung Lithium-ion</th>
<th>Front Fork</th>
<th>Alloy Front Suspension Fork</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td>750W Motor</td>
<td>Bike Frame</td>
<td>A6061 Aluminum TIG Welded frame</td>
</tr>
<tr>
<td>Display</td>
<td>B040U +USB LCD Display</td>
<td>Brake</td>
<td>Hydraulic Disc Brakes</td>
</tr>
<tr>
<td>Derailleur</td>
<td>Shimano-Altus-7 Sp</td>
<td>Charger</td>
<td>US Standard 3.0A Smart Charger</td>
</tr>
<tr>
<td>Speed</td>
<td>22MPH</td>
<td>Freewheel</td>
<td>Shimano 7 Speed</td>
</tr>
<tr>
<td>Range</td>
<td>45~70+ Miles</td>
<td>Saddle</td>
<td>HQ-Comfort saddle</td>
</tr>
<tr>
<td>Pedal Assist</td>
<td>Intelligent 5 Level Torque Sensor System</td>
<td>Gear System</td>
<td>Shimano- Altus-7Sp</td>
</tr>
<tr>
<td>Throttle</td>
<td>Half Twist Throttle</td>
<td>Tires</td>
<td>Kenda 20’ x 4’</td>
</tr>
<tr>
<td>Charging Time</td>
<td>6~9 Hours</td>
<td>Product Weight</td>
<td>72 Ibs</td>
</tr>
<tr>
<td>Recommended Rider Heights</td>
<td>5.3” ~ 6.4”</td>
<td>Total Payload Capacity</td>
<td>275 Ibs</td>
</tr>
<tr>
<td>BB Parts</td>
<td>BBTS3SD Torque Sensor</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Motor
750w

Tires
20" × 4"

Min / Max Seat Height
28.7~40.7 INCHES

Wheelbase
47.2 INCHES

Max Load
275 IBS

Total Length
70.1 INCHES

Wheelbase
47.2 INCHES

Handlebar Reach
42.9 INCHES
### Safety Checklist

**NOTICE:** Before every ride, it is important to carry out the following safety checks.

<table>
<thead>
<tr>
<th>Safety Check</th>
<th>Basic Steps</th>
</tr>
</thead>
</table>
| **Brakes**                                | 1. Ensure front and rear brakes work properly.  
2. Ensure brake pads are not over worn and are correctly positioned in relation to the rims.  
3. Ensure brake control cables are lubricated, correctly adjusted and display no obvious wear.  
4. Ensure brake control levers are lubricated and tightly secured to the handlebars. |
| **Wheels and Tires**                      | 1. Ensure tires are inflated to within the recommended limits displayed on the tire sidewalls.  
2. Ensure tires have tread and have no BULGES OR EXCESSIVE WEAR.  
3. Ensure rims run true and have no obvious wobbles or kinks.  
4. Ensure all wheel spokes are tight and not broken. |
| **Steering**                              | 1. Ensure handlebars and stem are correctly adjusted, tightened and allow for proper steering.  
2. Ensure the handlebars are set correctly in relation to the forks and the direction of travel. |
| **Chain**                                 | 1. Ensure the chain is lubricated, clean and runs smoothly.  
2. Extra care is required in wet or dusty conditions. |
| **Cranking and Pedals**                   | 1. Ensure pedals are securely tightened to the cranks.  
2. Ensure the cranks are securely tightened and are not bent. |
| **Derailleurs**                           | 1. Check that the derailleur(s) are adjusted and functioning properly.  
2. Ensure shift and brake levers are attached to the handlebars securely.  
3. Ensure all brake and shift cables are properly lubricated. |
| **Motor Drive Assembly and Throttle**     | 1. Ensure hub motor is spinning smoothly and the motor bearings are in good working order.  
2. Ensure all power cables running to hub motor are secured and undamaged.  
3. Make sure the hub motor axle bolts are secured and all torque arms and torque washers are in place. |
| **Battery Pack**                          | 1. Ensure battery is charged before use.  
2. Ensure there is no damage to battery pack.  
3. Lock battery to frame and check to see that it is secured. |
Assembly Instructions

**NOTICE:** The following assembly steps are only a general guide to assist in the assembly of your MEEBIKE and this is not a complete or comprehensive manual covering all aspects of assembly, maintenance and repair. We recommend you consult a certified bicycle mechanic to assist in the assembly, repair and maintenance of your bicycle. For detailed instructions, please view the MEEBIKE Assembly video and Quick Release Installation video found at www.meebike.com.

**Step 1:** Install the handle bars. Remove the four screws from the stem, ensuring the linear markings on the handlebars are centered and handlebars are adjusted to the comfortable position. Finally, tighten the screws with the assembly tool.

**Step 2:** Install the headlight. Use a socket wrench to hold the nut and loosen the screw with a screwdriver and remove the screw. Install the screw pass through headlight and the bracket and adjust the headlight properly for riding conditions.

**Step 3:** Install the front wheel. Remove the metal protective axle from the front fork, open the quick release skewer, and remove the nut, axle sleeve, and shim (as shown in the picture). Carefully lower the front fork to ensure that the brake disc enters the brake caliper. Next, check whether the axes of the front wheel and the front fork are aligned to ensure that the fork falls off and is completely fixed on the axle. Install the quick release device, starting from the brake disc side of the wheel, then push the quick release fork through the center of the wheel, and finally tighten the nut with a wrench.
Step 4: Use a bike pump with a press gauge to Inflate tires to desired PSI. The recommended pressure for this mode is 20 PSI (1.379 Bar). Do not overinflate or underinflate tires.

Step 5: Install the pedals. The left and right pedals are marked on both ends. First, install the right pedal by tightening the pedal in clockwise direction. The left pedal is tightened by turning the pedal in counterclockwise direction. Both pedals should be tightened to 35 Newton meters by using a torque wrench.

Step 6: Check the battery pack is locked into the frame of the MEEBIKE. When you want to take off the battery, insert the key and turn to release the battery pack. The battery pack can be removed and charged separately. This is the charging port. Align the battery pack to the battery holder carefully and push until when you hear it click into the place.
NOTICE: Ensure all hardware is tightened properly and all safety checks in the following sections are performed before first use. Contact MEEBIKE if you have any questions regarding the assembly of your bike. If you are not able to ensure all the assembly steps in the assembly video are performed properly, or you are unable to view the assembly video, please consult a certified local bicycle service provider for assistance in addition to contacting MEEBIKE for help.
# Recommended Torque Values

<table>
<thead>
<tr>
<th>Hardware Location</th>
<th>Torque Required (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handlebars</td>
<td>18-20</td>
</tr>
<tr>
<td>Stem</td>
<td>18-20</td>
</tr>
<tr>
<td>Saddle</td>
<td>18-20</td>
</tr>
<tr>
<td>Front Wheel (For Bikes with Bolt on Front Wheel)</td>
<td>16-25</td>
</tr>
<tr>
<td>Rear Wheel</td>
<td>35-40</td>
</tr>
<tr>
<td>Bottom Bracket Parts</td>
<td>35-55</td>
</tr>
<tr>
<td>Pedals</td>
<td>35</td>
</tr>
<tr>
<td>Disk Mounting Bolts</td>
<td>6</td>
</tr>
<tr>
<td>Disk Caliper Mount</td>
<td>10</td>
</tr>
<tr>
<td>Crank Bolts</td>
<td>40</td>
</tr>
<tr>
<td>Rear Derailleur Cable Pinch</td>
<td>6</td>
</tr>
<tr>
<td>Front Derailleur Clamp</td>
<td>7</td>
</tr>
<tr>
<td>Saddle Post Clamp</td>
<td>7</td>
</tr>
</tbody>
</table>
Start-Up Procedure

After the bike has been properly assembled following viewing the unboxing video and securing all components, you may now proceed to start up the vehicle and select the power level as explained in the following steps.

1. Hold down the button on the display remote for 2 seconds then release, the display should turn on.

2. Select your desired level of pedal assistance between level 0 through 5 using the up and down arrows on the display remote. Level 1 corresponds to the lowest level of pedal assistance, and level 5 corresponds to the highest level of pedal assistance. Level 0 indicates pedal assistance will be inactive.

3. To turn on the headlight, once the LCD display is on, hold down the “+” button located on the switch for 2-3 seconds.

4. With the proper safety gear and rider knowledge and understanding you may now proceed to operate your MEEBIKE. You can begin by pedaling the bike in the appropriate drivetrain gear with or without pedal assistance. You may also use the throttle to accelerate and maintain your desired speed.

NOTICE: The power-saving function can only be used when the user pushes the electric bike. Do not use it while riding.
Error Detection Display

Your MEEBIKE is equipped with an error detection system integrated into the display and controller. In the case of an electronic control system fault, an error code should appear on the display. The following error codes are the most common and can aid in troubleshooting.

<table>
<thead>
<tr>
<th>Error Code</th>
<th>Definition</th>
<th>Error Code</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>0×01</td>
<td>Normal</td>
<td>0×03</td>
<td>Braking</td>
</tr>
<tr>
<td>0×04</td>
<td>Throttle no return</td>
<td>0×05</td>
<td>Throttle error</td>
</tr>
<tr>
<td>0×06</td>
<td>Low voltage protection</td>
<td>0×07</td>
<td>Over voltage protection</td>
</tr>
<tr>
<td>0×08</td>
<td>Motor Hall signal cable error</td>
<td>0×09</td>
<td>Motor phase line error</td>
</tr>
<tr>
<td>0×10</td>
<td>Controller overheat protection</td>
<td>0×11</td>
<td>Controller temperature sensor error</td>
</tr>
<tr>
<td>0×12</td>
<td>Current sensor error</td>
<td>0×13</td>
<td>Battery inner temperature error</td>
</tr>
<tr>
<td>0×14</td>
<td>Motor inner temperature sensor error</td>
<td>0×21</td>
<td>Motor inner temperature sensor error</td>
</tr>
<tr>
<td>0×22</td>
<td>BMS communication error</td>
<td>0×23</td>
<td>Front Light error</td>
</tr>
<tr>
<td>0×24</td>
<td>Front Light sensor error</td>
<td>0×30</td>
<td>Communication error</td>
</tr>
</tbody>
</table>

When the error code is displayed, please promptly address the error. After the error occurs, the electric bike will not be able to function normally.
General Settings

Press and hold the power button to turn the bike on. In the power-on state, while the vehicle is stationary, press and hold the “SET” button for more than 2 seconds, and the meter will enter the normal setting state. Each setting item needs to be carried out while the e-bike is stationary.

Assist Level

After power on, press the "+" or "-" button to choose the assist level which will change the power output of the motor. The default level setting of the display is 0-5. There is no power output at level 0. Level 1 is the lowest power and Level 5 is the highest power. When the display is powered on, it defaults to Level 1.
Light Switch

On: Long press the “+” button, then the “” marking will appear on the screen of the display.
Off: When the light is on, long press the “+” button, the “” marking will darken on the screen of the display.
Help Push

Press the “-” button to bring the assist level down to the level 0. Then, press the “-” for 2 seconds, and the electric bike will enter the Help Push mode. In this mode, the electric bike travels at a constant speed of 6 kilometers per hour. At the same time, the screen displays “🏃‍♀️”. Release the “-” button and the electric bike will immediately stop the power output and return to the state before the boost.
Information Viewing and Setting

Press the button to enter the setting interface, press the “+” or “-” button to select the function: Display Setting, Information, Language, Themes, Password, Bluetooth and Exit.

Inch and Metric Conversion

Enter the "display setting" menu, select "unit", press “φ” to enter the setting, then short press "+" or "-" to select "metric" / "imperial", next press “φ” to save and exit to the main interface through "back" → "exit". The unit conversion is shown in the following figure:
**Brightness**

Enter the "display setting" menu, select "Brightness" by briefly pressing the "+" or "-" button, and then press "○" to enter the setting. After entering the setting, short press the "+" or "-" button to select "25%" / "50%" / "75%" / "100%", and then press "○" to save, and exit to the main interface through "back" → "exit".

![Diagram showing the display setting menu]

- **Setting Menu**
  - Display Setting
  - Information
  - Language
  - Themes
  - Password
  - Bluetooth
  - EXIT

- **Display Setting Menu**
  - Unit
  - TRIP Reset
  - Bright: 25%, 100%
  - 50%
  - MAX P75%
  - Back: 100%
Wheel Size

Enter the "information" menu, note the wheel diameter information cannot be adjusted, and exit to the main interface through "back" → "exit".

Speed Limit

Enter the "information" menu, note the speed limit information cannot be adjusted, and exit to the main interface through "back" → "exit".

Speed Limit

Enter the "information" menu, select "display info" by pressing "+" or "-", and press to confirm. The interface displays the software and hardware version number of the display.
Password

Click "⚙️" to enter the setting information list, and select "password" option by pressing "+" or "-", then press "⚙️" to choose "Start Password" (Start Password status is off) and short press "⚙️" to confirm. The interface prompts you to set the password. Next, short press "+" or "-" to switch the number "0-9", and short press "⚙️" to confirm the number. Finally, the system will prompt that the password is set successfully. After the password is set successfully, the interface will automatically jump to the original setting interface. Press the "+" and "-" button to exit to the main interface, or exit to the main interface through "back" → "exit".

Notice: When the Start Password status is off, the default password is 0000.
Bluetooth Unlock

Click “.setView” to enter the setting information list, and select the "Password" option by pressing "+" or "-", then press “view” to choose "Bluetooth Unlock" and short press “view” to open this setting. Pressing the "+" or "-" button to select "on" / "off" ("on" means open the Bluetooth lock and "off" means close the Bluetooth lock), briefly press “view” to save the selection and exit to "Bluetooth unlock". Exit to the main interface through "back" → "exit".

Notice: When the Start Password status is off, the default password is 0000.
Bluetooth

Click “設定” to enter the setting information list, and select the "Bluetooth" option by pressing "+" or "-", then press “設定” to enter the Bluetooth QR code interface, you can scan the QR code through the mobile app connected your phone. After connecting the device, the device interface will automatically jump to the main interface, and the Bluetooth function ID ☑️ will be on.

Notice: The communication distance between the display and the mobile phone Bluetooth should be within 10 meters.
Driving Range

The range of your MEEBIKE is the distance the bike will travel on a single full charge of the onboard battery pack. The range values in this manual are estimates based on expected usage characteristics. Some of the factors which effect range include changes in elevation, speed, payload, and acceleration, number of starts and stops and ambient air temperatures. Tire pressure and terrain are also important variables to consider.

We suggest that you select a lower assistance level when you first begin riding your MEEBIKE to get to know your bike and travel routes. Once you become familiar with the range requirements of your travel routes, and the capabilities of your MEEBIKE, you can then adjust you riding characteristics if you so desire.

The following table provides general estimates and outlines various factors effecting range and their combined estimated effects on range. This table is meant to help owners understand the factors that can increase of decrease range, but MEEBIKE makes no claims to the range that individual users might obtain.

Best Practices for Extending Range and Battery Life

1. Do not climb hills steeper than 15% in grade.
2. Pedal to assist the motor when climbing hills and accelerating from a stop.
3. Avoid sudden starts and stops.
4. Accelerate slowly.
NOTICE: It is recommended that users pay close attention and ride within the following parameters to ensure the hub motor does not overheat or become damaged from excessive loading.

Parking Storage and Transport

1. Please follow these basic parking, storage and transport tips to ensure your bike is well cared for on and off the road.
2. When pushing the vehicle manually, turn off the power to avoid accidental acceleration from the motor.
3. Switch the power off and turn off any lights to conserve battery. Remove the key from the bike and ensure the battery is locked to the frame or removed and brought with you for security.
4. In public places, your MEEBIKE must be parked in accordance with local rules and regulations.
5. If you must park outdoors in rain or wet conditions, you should only leave your MEEBIKE outside for a few hours and proceed to park the bike in a dry location afterwards to allow all the systems to dry out. Much like a regular bike, use in wet conditions mandates a more regular maintenance schedule to ensure your bike does not become rusty, corroded and to ensure all systems are always working safely.
6. Do not park, store, or transport your MEEBIKE on a rack that is not designed for the size and weight of the bike.
7. Wide tires, as used on MEEBIKE, cannot fit into all bike racks. Please select an appropriate rack for the width of tires used on your bike.
8. Locking up your bike is recommended to ensure your bike is secure and the chance of theft is reduced. MEEBIKE makes no claims or recommendations on the proper lock hardware or procedures to secure your bike, but we do recommend you take the appropriate precautions to keep your MEEBIKE safe from theft.
9. When storing your bike or carrying your bike on a rack for transport, you can remove the battery pack
to reduce the weight of the bike and make lifting and loading easier.

**Carrying Loads**

**MAXIMUM PAYLOAD FOR MEEBIKE**

The total maximum weight limit of the MEEBIKE (125 Kilograms) includes the weight of the rider as well as clothing, riding gear, cargo, etc. The kickstand is not designed to be used for loading cargo. You MUST hold onto the bike whenever loading cargo. Do not assume the bike is stable and balanced when using the kickstand, always hold onto the bike when cargo is being loaded or put in place.

Total maximum payload: 125 Kilograms.

**Carrying Cargo**

Carrying a cargo load involves additional risks which need to be paid close attention to. Users should practice riding on a flat and open area with light cargo before attempting to carry heavier loads. You must become accustomed to the braking, steering, and operational adjustments required to safely operate the MEEBIKE with cargo. Braking, acceleration, and balancing are all significantly affected by the addition of cargo loaded on the MEEBIKE.

1. Plan your route accordingly as your hill climbing ability, steering and braking are all impacted when cargo is loaded on the MEEBIKE.
2. Hills that are normally easy to climb and descend without cargo can become challenging and dangerous once cargo is loaded.
3. Cargo should be loaded as low as possible to lower the center of gravity and improve stability. Always
ensure that cargo does not interfere with any moving components or the ground.
4. Ensure your loads are properly secured and periodically check that nothing loosens.
5. Get a feel for the cargo load in a flat and open area before riding on roads.

Do not use the front brake by itself, always apply the rear brake first followed by the front brake and be sure to use both brakes for all braking operations. Front fork failure or loss of control are plausible when the front brake is operated independently for slowing at high speed with cargo loads.

The kickstand is not designed to be used for loading cargo. You must hold onto the bike whenever loading cargo. Do not assume the bike is stable and balanced when using the kickstand, always hold onto the bike when cargo is being loaded or in place.

Charging Procedure

Follow these steps for charging your MEEBIKE:
1. Turn the battery pack off using the key switch.
2. Remove the rubber cover on the charging socket on the opposite side of the battery switch.
3. With the battery on or off the bike, place the charger in a flat, secure place, and connect the DC output plug from the charger (round barrel connector) to the charging port on the side of the battery pack.
4. Then, connect the input plug (110/220-volt plug) to the power outlet. Charging should initiate and will be indicated by the LCD charge status light on the charger turning red.
5. After fully charging, which will be indicated by the charging indicator light turning green, unplug the
charger from the wall outlet first and proceed to remove the charger output plug from the bike charging port.

Always charge your battery in temperatures between 10 and 26 degrees Celsius and ensure the battery and charger are not damaged before initiating charging. If you notice anything unusual while charging, please discontinue charging and use of the bike and contact MEEBIKE for help.

Basic Battery Charging Tips

1. The battery should be recharged after each use. There is no negative impact to charging the battery after short rides.
2. The battery can be recharged on or off the bike.
3. Remove the battery by turning the key and then pulling the battery forward and up until the battery detaches from the mating receptacle.
4. The charger will automatically stop charging when the battery pack is full.
5. Always charge in dry locations and indoors away from direct sunlight, dirt or debris.
6. Do not cover up the charger when plugged in or charging as it air cools and needs to be left in an open space. Do not charge with the charger in the inverted position which can inhibit cooling and reduce the charger’s life.
7. Check the charger cables, charger and battery for damage before beginning each charge.
8. The light on the charger will turn green when charge is complete and stay red while the battery charges.
9. Charging normally takes 6~9 hours. However, it can take longer when you first receive the bike since the battery pack is balancing.
When the Battery Is Removed

1. Do not touch the ”+” and ”-” terminal contacts on the bottom of the battery when the battery is removed from the bike.
2. Be careful not to drop or damage the battery pack when it is loose from the bike.

When Installing the Battery onto the Bike

1. Do not use excessive force to set the battery onto the receptacle. Slowly align and push the battery down into the receptacle.
2. Ensure the key is in the locked position before riding and check that the battery has been properly secured to the bike before each use by pulling upwards and confirming the pack is secure.

Charging Time

When the input and output plugs of the charger are connected properly, and the battery is not fully charged, the red charging indicator light should illuminate, showing that the battery is charging. The time that the battery takes to fully charge is dependent on various factors including distance traveled, riding characteristics, terrain, payload, and battery age.
NOTICE: The battery pack can take longer to charge when fully depleted and when the battery is new. As your battery ages you might also experience increased charging times, but this is only expected after 3-5 years of regular use. If your battery does not seem to be charging normally, and taking longer to charge than expected, please discontinue charging and contact MEEBIKE immediately.

Charger Safety Information

1. Keep charger in a safe place away from children.
2. Fully charge the battery before each use to extend the life of the battery and help to reduce the chance of over-discharging the battery pack. Do not charge the battery with any other chargers than what was originally supplied with your MEEBIKE or a charger purchased directly from MEEBIKE for use with your specific bike serial number, as approved by MEEBIKE.
3. The charger works on 110/220V 50/60 Hz standard home AC power outlets. Do not open the charger to select voltage input, the charger automatically detects and accounts for incoming voltage.
4. Avoid charger contact with liquids dirt, debris or metal objects.
5. Store the charger in a location where it cannot suffer damage from falls/impact.
6. The charger should only be used indoors in a dry ventilated area.
7. If you notice a strange smell or that the charger or battery are overheating, please stop charging immediately and contact MEEBIKE.
8. Do not yank or pull on the cables of the charger. When unplugging, carefully remove both the AC and DC cables by way of pulling on the plastic plugs, not pulling on the cables.
Please take special care in charging your MEEBIKE in accordance with the above procedures and safety information. Failure to follow proper charging procedures can result in damage to your MEEBIKE, charger, personal property and/or serious injury or death.

Bicycle Care

To ensure safe riding conditions you must ensure your bike is properly maintained. You should follow these basic guidelines and see your certified bicycle mechanic at regular intervals to ensure your bike is safe for use.

1. Properly maintain batteries by keeping them fully charged when not in use.
2. Never immerse the bike or any components in water as the electrical system may be damaged.
3. Periodically check wiring and connectors to ensure there is no damage and the connectors are secure.
4. To clean, wipe the frame with a damp cloth soaked in a mild non-corrosive detergent mixture. Dry with a cloth.
5. Store under shelter; avoid leaving it in the rain or exposed to corrosive materials. If exposed to rain, dry your bicycle afterwards and apply anti-rust treatment to chain and other unpainted steel surfaces.
6. Riding on the beach or in coastal areas exposes your bicycle to salt which is very corrosive. Wash your bicycle frequently and wipe or spray all unpainted parts with anti-rust treatment. Damage from corrosion is not covered under warranty so special care should be given to extend the life of your bike when used in coastal areas or areas with salty air or water.
7. If the hub and bottom bracket bearings have been submerged in water, they should be taken out and re-greased. This will prevent accelerated bearing deterioration.
8. If the paint has become scratched or chipped in the metal, use touch up paint to prevent rust. Clear nail polish can also be used as a preventative measure.
9. Regularly clean and lubricate all moving parts, tighten components and adjust as required.

Please take special care in charging your MEEBIKE in accordance with the above procedures and safety information. Failure to follow proper charging procedures can result in damage to your MEEBIKE, charger, personal property and/or serious injury or death.
## Basic Troubleshooting

<table>
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<tr>
<th>Symptoms</th>
<th>Possible Causes</th>
<th>Most Common Solutions</th>
</tr>
</thead>
</table>
| Bike doesn’t work                     | 1. Insufficient battery power  
2. Faulty connections  
3. Battery not fully seated in tray  
4. Improper turn on sequence  
5. Brakes are applied                  | 1. Charge the battery pack  
2. Clean and repair connectors  
3. Install battery correctly  
4. Turn on bike with proper sequence  
5. Disengage brakes                   |
| Irregular acceleration and/or reduced top speed | 1. Insufficient battery power  
2. Loose or damaged throttle | 1. Charge or replace battery  
2. Replace throttle |
| When powered on, the motor does not respond | 1. Loose wiring  
2. Loose or damaged throttle  
3. Loose or damaged motor plug wire  
4. Damaged motor                      | 1. Repair and or reconnect  
2. Tighten or replace  
3. Secure or replace  
4. Repair or replace                   |
| Reduced range                         | 1. Low tire pressure  
2. Low or faulty battery  
3. Driving with too many hills, headwind, braking, and/or excessive load  
4. Battery discharged for long period of time without regular charges, or is aged or damaged  
5. Brakes rubbing                      | 1. Adjust tire pressure  
2. Check connections or charge battery  
3. Assist with pedals or adjust route  
4. Replace the battery                  |
| Wheel or motor makes strange noises   | 1. Charger not well connected  
2. Charger damaged  
3. Battery damaged  
4. Wiring damaged                       | 1. Adjust the connections  
2. Replace  
3. Replace  
4. Repair or replace                      |
| Wheel or motor makes                  | 1. Damaged motor bearings  
2. Damaged wheel spokes or rim  
3. Damaged motor wiring               | 1. Replace  
2. Repair or replace  
3. Repair or replace motor              |
As a parent or guardian, you are responsible for the activities and safety of your child. The MEEBIKE is not designed for use by children.

The following safety notes provide additional information on the safe operation of your MEEBIKE and should be closely reviewed. Failure to review these notes can lead to serious injury or death.

1. All users must read and understand this manual before first use. Additional manuals covering components used on your bicycle may also be provided and should be read before use in addition to this manual. Ensure that you comprehend all instructions and safety notes/warnings.
2. Ensure the bike fits you properly before first use. You may lose control or fall if your bike is too big or too small.
3. Always wear an approved bicycle helmet whenever using this product and ensure that all helmet manufacturer instructions are used for fit and care of your helmet. Failure to wear a helmet when riding may result in serious injury or death.
4. Ensure correct tightening and setup is performed on your bicycle before first and checked regularly.
5. It is your responsibility to familiarize yourself with the laws and requirements of operation of this product in the area(s) where you ride.
6. Ensure handle bar grips are not damaged and properly installed. Loose or damaged grips can cause you to lose control and fall.
7. Do not use this product with standard bicycle trailers, stands or bicycle racks. Contact MEEBIKE to check if your equipment will work with the bicycle.
8. Off-road riding requires close attention and specific skills and presents variable conditions and hazards which accompany the conditions. Wear appropriate safety gear and do not ride alone in remote areas.
Check local rules and regulations if off-road riding is allowed.
9. Engaging in extreme riding is extremely dangerous and should be avoided. Although many articles/advertisements/catalogues depict extreme riding, this is not recommended nor permitted, and you can be seriously injured or killed if you perform extreme riding.
10. Bicycles and bicycle parts have strength and integrity limitations and extreme riding should not be performed or you risk damaging the components or becoming seriously injured or killed.
11. Failure to confirm proper installation, compatibility proper operation or maintenance of any component or accessory can result in serious injury or death.
12. After any incident, you must consider your bike unsafe to ride until you consult with a certified bicycle mechanic for a comprehensive inspection.
13. Failure to properly charge, store or use your battery will void the warranty and may cause a hazardous situation.
14. Extreme care should be taken when using the pedal assistance sensor and throttle on this product. Ensure you understand and are prepared for the power assistance to engage as soon as pedaling is underway.
15. You should check the operation of the brake inhibitor switches before each ride. The brake system is equipped with an inhibitor which shuts down the power to the electric motor whenever the brakes are engaged. Check proper operation of brake switches before riding.
16. User must understand the operation of the twist throttle and pedal assistance sensors before using and take ample care in their usage in respect to traveling at speeds appropriate for usage area and user experience level. Always use the lowest assist level until you are comfortable with the bike and feel confident in controlling the power.
17. Any aftermarket changes to your MEEBIKE not expressly approved by MEEBIKE could void the warranty and create an unsafe riding experience.
18. Because electric bicycles are heavier and faster than normal bicycles, they require extra caution and
care while riding.
19. Take extra care while riding in wet conditions. Feet or hands can slip in wet conditions and lead to
death or serious injury from a fall.
20. Do not remove front or rear reflectors, pedal reflectors or bell.

**Warranty Info**

Every bike is covered under a manufacturer's one-year all-inclusive warranty for the original owner
against all manufacturing defects. MEEBIKE warrants this product, including all individual components
against defects in material or workmanship as follows:

**MEEBIKE LIMITED 1 YEAR WARRANTY**

MEEBIKE components including frame, forks, stem, handlebars, headset, seat post, saddle, brakes, lights,
bottom bracket, crank set, pedals, rims, spokes, wheel hub, freewheel, cassette, derailleur, shifter, motor,
throttle, controller, wiring harness, LCD display, kickstand, reflectors and hardware are warranted to
be free from manufacture defects in materials and/or workmanship for a 1-year period from the date of
original purchase.

Wear and tear are not covered under warranty. MEEBIKE lithium-ion batteries are warranted to be free
from manufacturing defects in materials and/or workmanship for a 1-year period from the date of original
purchase. The battery warranty does not include damage from power surges, use of improper charger,
improper maintenance or other such misuse, normal wear or water damage.

The following are also excluded from the warranty:
1. Liability for material defects does not cover normal wear which occurs from the manufacturers intended use of the product. Components such as the battery pack, motor system, braking system, drivetrain system, saddle, grips and pedals are all subject to intended use-related wear and are not covered under the warranty from normal wear.

2. Damage arising from the use of the bike in a competition or other applications outside of normal intended use.

3. Damage arising by improper tools or inadequate maintenance performed on the bike.

4. Damage resulting from adding non-standard equipment, parts or technical modifications.

**Additional Warranty Terms**

This warranty does not cover any damage or defects resulting from failure to follow instructions in the owner’s manual, acts of God, accident, misuse, neglect, abuse, commercial use, alterations, modification, improper assembly, wear and tear, installation of parts or accessories not originally intended or compatible with the bicycle as sold, operator error, water damage, extreme riding, stunt riding, or improper follow-up maintenance. This warranty does not include consumables or normal wear and tear parts (tires, tubes, brake pads, cables and housing, grips). MEEBIKE will not be liable and/or responsible for any damage, failure or loss caused by any unauthorized service or use of unauthorized parts. In no event shall MEEBIKE be responsible for any direct, indirect or consequential damages, including without limitation, damages for personal injury, property damage, or economic losses, whether based on contract, warranty, negligence, or product liability in connection with their products. All claims to this warranty must be made through MEEBIKE. Proof of purchase may be required with any warranty request.
Additional Information on Wear

Components of the MEEBIKE are subject to higher wear when compared to bicycles without power assistance. This is because the MEEBIKE can travel at higher average speeds than regular cycles and has a greater weight. Higher wear is not a defect in the product and is not subject to warranty. Typical components affected are the tires, brake pads, suspension forks, spokes/wheels and battery pack.

When the useful life of a component is surpassed it can cause unexpected loss of function. This can result in serious injuries or even death. Therefore, pay attention to wear characteristics such as cracks, scratches or changes in the color or operation of components which could indicate useful life has been exceeded. Worn components should be immediately replaced.
Thanks for Riding MEEBIKE!