

# Emmo Hornet

## Owner's Manual



GREEN YOUR LIFE

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## E-bike MTO Label

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**THIS VEHICLE IS A POWER  
ASSISTED BICYCLE AND  
MEETS ALL THE  
REQUIREMENTS UNDER  
SECTION 2(1) OF THE  
CANADA MOTOR VEHICLE  
SAFETY REGULATIONS.**

**CE VÉHICULE EST UNE BICYCLETTE  
ASSISTÉE ET RECONTRE LA NORME 2(1)  
DU RÈGLEMENT SUR LA SÉCURITÉ  
DES VÉHICULES AUTOMOBILES DU CANADA.**

**WARNING!**

**Please make sure this MTO label is on your e-bike. If this label is not present, please ask your dealer to put one on. All electric bicycles are required to have this sticker on the bike for it to be a legal vehicle.**

# Specifications

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<b>Color:</b>	Red /Black, Black, Blue/Black
<b>Dimension (LxWxH):</b>	184cm x 63cm x 112cm
<b>Wheel Size:</b>	16"/3.0" Tubeless
<b>Net Weight:</b>	100 kg
<b>Maximum Speed:</b>	32 km/h
<b>Travel Range:</b>	50-60km
<b>Charging Time:</b>	3 – 8 Hours
<b>Climbing Angle:</b>	25 Degrees
<b>Load Capacity:</b>	250kg
<b>Motor:</b>	Continuous 500W
<b>Battery:</b>	48V/20Ah
<b>Charger:</b>	AC100-120V, Smart Charger (Battery maintained while charging)
<b>Front Brake:</b>	Drum Brake
<b>Rear Brake:</b>	Disc Brake
<b>Lock System:</b>	Remote Alarm / Remote Starter / Steer Lock / Motor Lock
<b>Meter &amp; Indicator:</b>	Speedometer, Battery Strength Indicator, Light Indicator. (All these features are digital)
<b>Lighting System:</b>	Headlight w/High Beam, Turning Signals, Brake Light, Tail Light, Indicator Light
<b>Storage:</b>	Lockable Under-Seat Storage, Lockable Rear Box

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\* Travel range is based on riding on level ground, no stops, no winds, warm temperatures for a 175lb rider with no extra cargo.(change if necessary)

## Charging the Bike (Type of Battery)

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There are two different plugs on your charger: one end that goes into an 110V power outlet (male end), and the other into the charger port(female end).

1. Take one end of the charger(female end) and plug it into the charger port located on the bike (Please make sure that it is fully plugged in)
2. Plug the other end(male end) of the charger into the power outlet.
3. Confirm that the charging indicator turns red.

Note: When the battery is fully charged, the charging indicator will turn green.

4. Unplug the charger from the power outlet(source/supplies).
5. Unplug the charger from the battery/bike.

Note: The charger light must be red when both plugs are plugged in. It will always turn red first if the bike has been used. It will turn green after it is fully charged.

### **WARNING!**

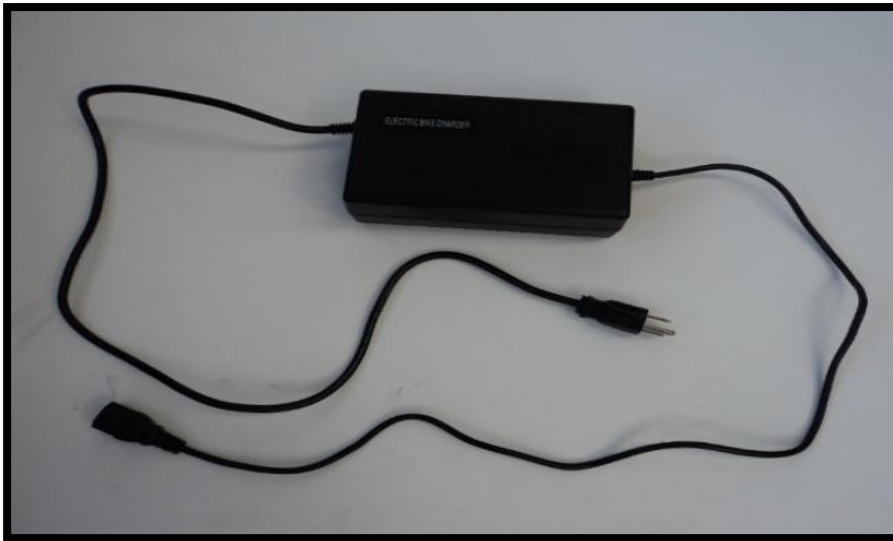
**Charge the bike for no more than 12 hours.**

**Fully charge the bike once a month during long periods of inactivity (i.e. during the wintertime).**

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# Lead Acid Battery Charger



## **WARNING!**

**\*CHARGING THE E-BIKE SHOULD TAKE A MAXIMUM OF 8 HOURS.**

**\*DO NOT CHARGE THE E-BIKE FOR MORE THAN 12 HOURS. OVERCHARGING WILL OVERHEAT THE BATTERY, CAUSING DAMAGE TO THE BATTERY.**

**\*MAKE SURE TO FULLY CHARGE THE E-BIKE ONCE A MONTH DURING LONG PERIODS OF INACTIVITY (i.e. WINTERTIME).**

**TURN ON THE CIRCUIT BREAKER BEFORE CHARGING THE BIKE AND FULLY CHARGE THE BIKE. AFTER CHARGING IT, TURN OFF THE CIRCUIT BREAKER.**





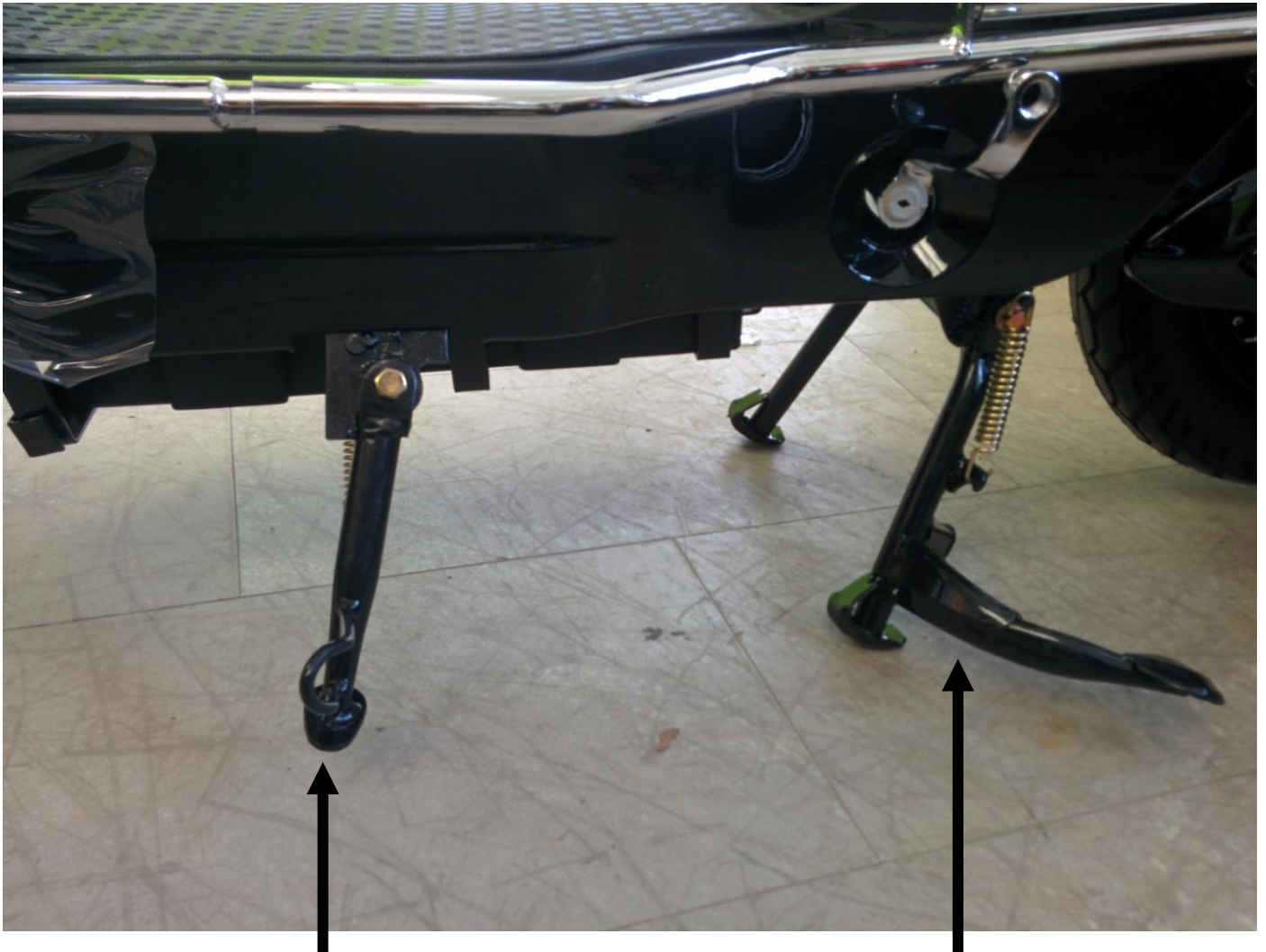
**Rear Brake**

To activate the rear brake, the rider can pull this lever.

**Front Brake**

To activate the front brake, the rider can pull this lever.

**Note: When either brake is activated, all power to the motor will be disconnected. Always use the back brake first, then the front brakes.**



**Side Stand**

The side stand is similar to other bicycles – flick it downwards such that it sticks out, as shown in the picture, then lean it to the left.

**Centre Stand**

The centre kick stand is better used for all situations. In order to engage the kickstand, apply pressure with your foot downwards and gently lift the bike upwards, NOT BACKWARDS.

**WARNING!**

**Please do not engage the side stand when the bike is left unattended. The bike is not completely stabilized with this side stand. It is very easy for the bike be tipped over.**





#### **Foldable Bike Pedals**

To fold the bike pedals, push the pedal inwards and lift up.(change if necessary

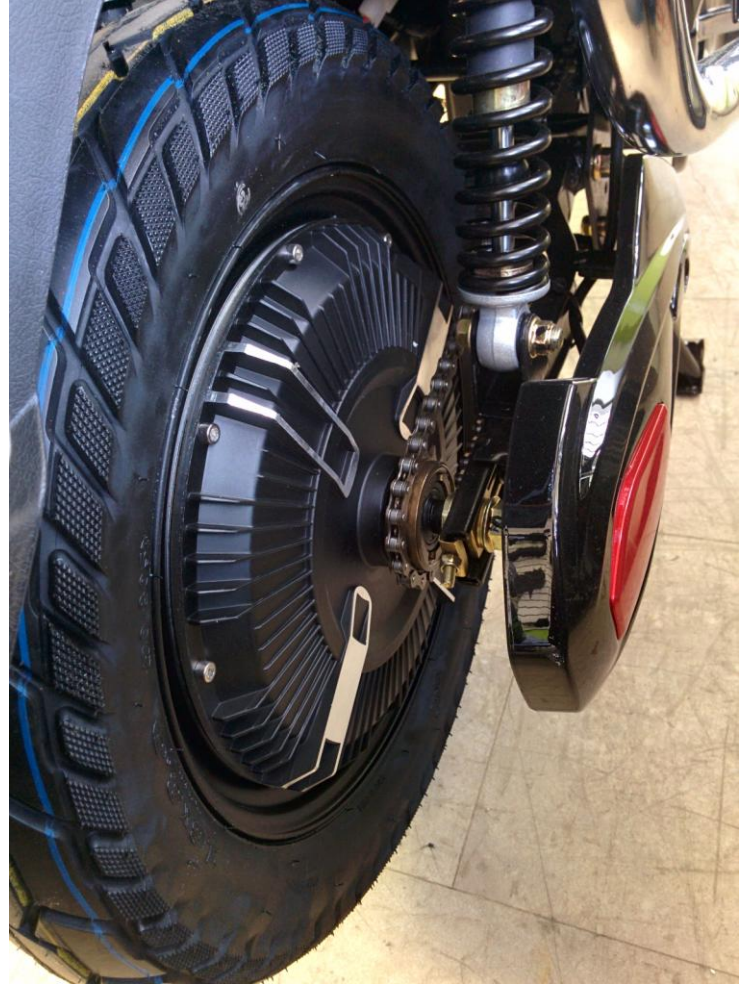
#### **WARNING!**

**The law requires all e-bikes to have pedals installed. If the pedals are off, these vehicle will be considered a motorcycle which does not follow the same regulations as e-bikes.**



**Disk Brakes (Rear) and Tire.**

This bike features a hydraulic disk brake system that adjusts by itself, no maintenance is required. We recommend 40 PSI for the back and to check the pressure once a month.



**Note: Remember to grease the chains and sprocket once a month.**

**Please also make sure that the back wheel is not over tighten after adjustment.**





### **Drum Brake (front) and Tubeless Tires**

This nut adjusts the tightness of the front brake. Turning it clockwise tightens the brake, while turning it counter clockwise loosens the brake. The tubeless tires are extremely difficult to puncture, so that chance of getting a flat tire is next to zero. Additionally, air rarely escapes from these tires. The air pressure for the tires should be between 35-40 psi. Do not over tighten the nut when adjusting the brakes.



### Circuit Breaker

The circuit breaker controls the power running through the bike from the battery. When the switch is flicked on, power flows throughout the bike and all functions work.

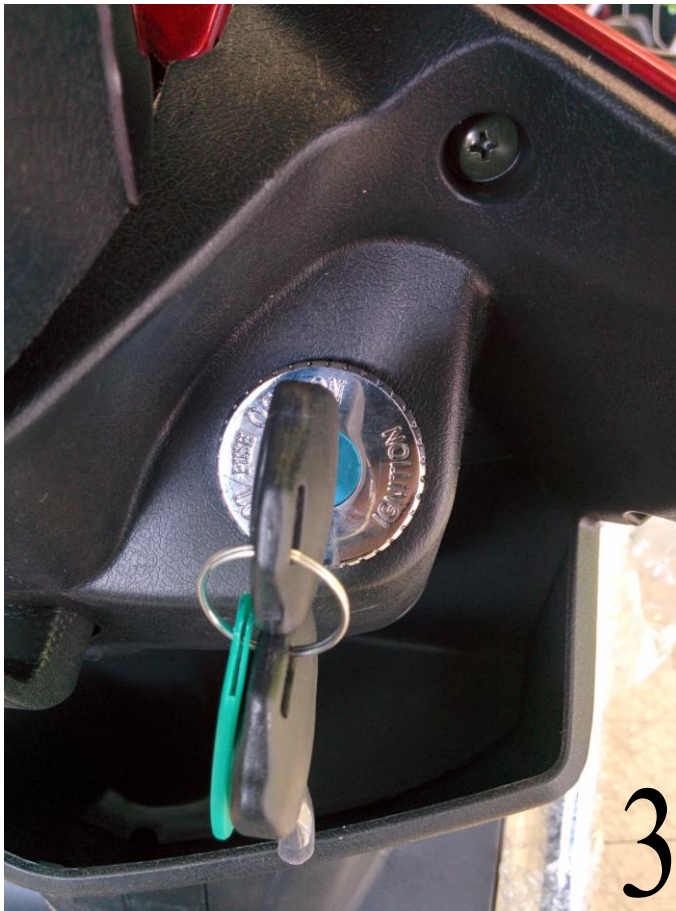
When the switch is flicked off, power does NOT flow through the bike, and none of the electrical aspects will work on the bike.

### **WARNING!**

**In the winter time, fully charge the bike and turn the circuit breaker off for proper battery maintenance. Turn it back on once a month and fully charge the battery to ensure maximum battery life.**

**Don't leave it uncharged for extended periods of time!**





### **Key Positions in Ignition**

1. This is the handlebar lock position. This position is reached when the key is pushed in, and then turn to the counter clockwise, from the off position. This locks the handlebar when it is turned half way to the left. (The handlebar must be turned half way to the left before the key will turn).

2. This is the 'off' position. The key simply rests in the bike, and the bike is not turned on.

3. This is the 'on' position. This position is reached when the key is turned to the clockwise, from the off position. The bike will turn on, and all functions on the handlebars will work.

To open the seat, turn the key counter clockwise from position 2 without pushing the key in.

### **WARNING!**

**Do not turn on the bike without sitting on it, otherwise you will risk touching the throttle by accident and having it run off by itself.**

**Note: If the bike is turned on using the remote start, it can only be turned off using the 'unlock' button on the remote.**

### Lock

This button arms the bike. When the bike is armed, any physical movement or vibrations to the bike will cause the alarm to activate. If the back wheel is moved when the bike is locked, the back wheel will lock up and the alarm will sound loudly.

### Unlock

This button unlocks the bike. It cancels all the functions of the 'lock' button. (Alarm sounding, back wheel lock) It also turns the bike off when the remote start is activated.



### Bell

When this button is clicked, the bell sounds. (Similar sound to the alarm) This button is useful for locating your bike.

### Remote Start

This button turns on your bike, without the use of the key, when it is clicked twice in succession. This is equivalent to putting the key in the ignition and turning it on. (This does not open any compartments that requires the key)

### Light Switch

This switch controls the amount of lighting on your bike. When the switch is pushed to the right, no extra lights are turned on. (Only brake lights work) When the switch is in the middle, the dashboard light and tail light turns on. When the switch is pushed to the left, the head-lights, tail-lights, and dashboard light are turned on.

### Throttle

This is the throttle, turning it towards the rider accelerates the bike. The amount varies depending on how much it is turned.



### Horn

Pushing this button sounds the horn.



### High/Low Beam Switch

Pushing the switch up activates the high beams for the front headlights, pushing it down deactivate the high beams (make sure the light switch is on first).



### Turning Signals

Pushing the switch to either the left or right positions will turn on the respective front/rear turning signals. Pushing the switch back to the centre position will turn off your turning signals.

### Horn

Pushing this button sounds the horn.



**Speedometer**

This shows the speed you are going at once the bike is running.

**Power Gauge**

This meter demonstrates the remaining amount of electricity available in your battery. H indicates High energy and L indicates Low energy.



**Left turning signal**

The left turning signal will blink on and off here when the left turning signal is pressed

**High Beam indicator**

This light turns on when the high beam for the head light is activated

**Right turning signal**

The right turning signal will blink on and off here when the right turning signal is pressed

## E-bike Registration

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Once you have purchased an Emmo E-bike, please register your vehicle with us to validate your warranty.

In order to register your e-bikes, please follow the steps listed below:

**1. Fill out the following form:**

Invoice Number:

Purchase Date:

Motor Number:

E-bike Model and Colour:

Store Location:

Customer Name:

Home Address:

Phone Number:

E-mail:

Survey:

How did you find out about Emmo Inc.? (Please select the options that apply)

☐ Returning Customer    ☐ Family/Friend    ☐ Passing by Store    ☐ Kijiji  
☐ TERA    ☐ Google    ☐ Yelp    ☐ Other \_\_\_\_\_

**2. Send the information listed above to our e-mail: [info@emmo.ca](mailto:info@emmo.ca)**

**3. Wait for a confirmation e-mail from Emmo Inc.**

# Thank you for Choosing



## GREEN YOUR LIFE

### Connect With Us!

Stay tuned for updates regarding new e-bike models, special deals and more!

**Official Website:** [www.emmo.ca](http://www.emmo.ca)



[www.facebook.com/EmmoCanada](http://www.facebook.com/EmmoCanada)



[info@emmo.ca](mailto:info@emmo.ca)

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Any laws/regulations regarding “E-bikes” can be found on the Ministry of Transportation website:

[www.mto.gov.on.ca](http://www.mto.gov.on.ca)

If you have further questions, please contact us at:

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Email: [info@emmo.ca](mailto:info@emmo.ca)