

A GUIDE TO YOUR ELECTRIC BICYCLE





Electric Bikes can be dangerous to use. The user or consumer assumes all risk of personal injuries, damage, or failure of the bicycle or system and all other losses or damages to themselves and others and to any property arising out of or as a result of using the bicycle.

As with all mechanical components, your bicycle is subjected to wear and high stresses. Different materials and components may react to wear or stress fatigue in different ways. If the design life of a component has been exceeded, it may suddenly fail, possibly causing injuries to the rider. Any form of crack, scratches or change of coloring in highly stressed areas indicate life of the component has been reached and should be replaced.

If you have an impairment or disability such as visual impairment, hearing impairment, physical impairment, cognitive/learning impairment, and/or seizure disorder, consult your physician before riding our bikes.

DEFINITION OF CLASS 1-3 EBIKES

Class 1: eBikes that are pedal-assist only, with no throttle, and have a maximum assisted speed of 20mph.

Class 2: eBikes that also have a maximum speed of 20mph, but are throttle-assisted.

Class 3: eBikes that are pedal-assist only, with no throttle, and a maximum speed of 28mph.

eMoped: Varies by state. Most states are regulated to 2hp (1.5kw) and 30mph. Please review your state regulations.

eMotorcycle: All two wheel motorized vehicles beyond the eMoped definitions.



OPERATOR'S MANUAL

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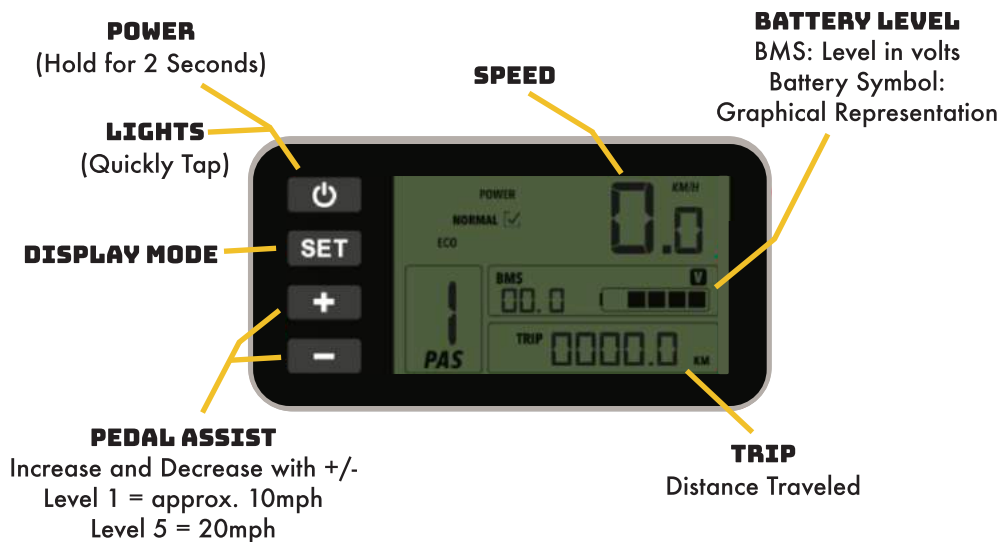
**WHERE TO
NEXT?**

KEY COMPONENTS



THE CONTROLLER

- On/Off: Press and hold 
- Tap  button
- USB Charger: Hold SET and + for 3 seconds
- Increase/Decrease Pedal Assist: Press +/-
- PAS: Pedal Assist





01

RIDING TIPS

How to Ride Safe & Have Fun

- ALWAYS wear a helmet!
- Wear bright reflective material when possible.
- Make sure to always use your bell, lights and mirrors.
- Ride defensively and lookout for cars, bikes, and pedestrians.
- Always be aware of your surroundings.
- Signal when turning.
- Ride with traffic, not against.
- Ride in areas that your state and town permit electric bikes.





02

GETTING STARTED

Assembly Steps / Adjustments

Follow these 8 steps to make sure you get your bike up and running properly from the start. The first few rides are critical to the life of the bike!

1



Remove Battery

Turn key and remove.
Make sure charger LED turns RED.

2



Install Front Wheel

Check for disk brake alignment
Make sure both nuts are tight!

3



Install Kickstand

We recommend using Loctite if you have some!

4



Install Pedals

Each pedal has a marking for left and right side.

5



Install Handlebars

Adjust to your comfort and tighten them down.

6



Install Headlight

Watch out for tangled wires.

If battery powered, pull protective tab.

7



Install Battery

Attach the battery and tap power button to begin on sequence. Make sure key is turned to on (depending on your model).

8



GO OUTSIDE!

Once your battery is full, install it on your bike and go outside. It's finally time to ride! Leave power OFF. Ride the bike up and down the street and make sure everything is operating properly.

Turn the bike on and increase pedal assist to level 1. From a stop, begin by using throttle only and ride the bike like a moped without pedaling. Once moving begin pedaling. If at any time you feel uncomfortable, hit the brakes!

We recommend you do not let your battery go below 25% the first 3 charge cycles. Batteries go through a "break-in" period. Following the three charge cycles, we also recommend you take some time and retighten up all the bike components. Then, you're good to go!



03

PEDAL ASSIST

Getting to Know PAS

- Pedal assist only provides power while you are pedaling.
- Start on 0 and gradually increase from 0 to 5 as you gain confidence with it.
- An initial power delay is normal.
- The delay is a result of the computer calculating ride speed.
- As a result of this delay we emphasize the use of caution when turning and dismounting from your bike .
- We recommend that you turn the bike OFF when walking with it.
- The motor will engage if the pedals are bumped accidentally.
- The bikes have a sensor in their brake line so when the brakes are engaged power will cut to the motor.

Getting The Most Distance

- Higher levels of pedal assist reduce range of bike.
- Range average is 15-40 miles depending on throttle usage.



04

CHARGING UP

How to Charge Your Battery

- Plug into standard wall outlet.
- Light on charger will be green when not plugged into battery.
- Light on charger will turn red when plugged into low battery.
- Light on charger turns green when battery is full.
- Time to fully charge a battery varies from about 2-4 hours.

Preserving Battery Life

- Don't leave the battery in direct sunlight for long periods of time.
- Don't leave the battery in the freezing cold for too many months.
- Don't leave your battery discharged for long periods of time. It's best to keep fully charged.





05

MAINTENANCE

Cleaning Your Bike

- Remove the battery when cleaning your bike.
- Clean your bike weekly.
- Rubbing alcohol is a great tool for removing dirt from the bike frame and brake disks. It dries quick and won't lead to rust.
- Don't use aggressive water sprays or power jets.
- After cleaning, lubricate chains and cables.
- Adjust brake tension and shifting mechanism regularly to ensure proper operation.
- Keep tires inflated to their recommend level.
- Store your bike and battery in a dry place out of direct sunlight.



Maintenance Schedule

Miles	0	50	250	1k	2k	3k	4k	5K	6K	7K	8K	9K	10k
Tighten Kickstand	X	X	X	X	X	X	X	X	X	X	X	X	X
Adjust Brake Cables	X	X	X	X	X	X	X	X	X	X	X	X	X
Adjust Derailleur	X	X	X	X	X	X	X	X	X	X	X	X	X
Lubricate Chain	X	X	X	X	X	X	X	X	X	X	X	X	X
Replace Brake Pads				X	X	X	X	X	X	X	X	X	X
Replace Tires					X		X		X		X		X
Replace Battery													X





NEED A HAND?

Talk to an Engineer

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or

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