

# BASIC RIDING FUN

You can have an amazing riding experience any and every time you go out for a ride if you keep in mind appropriate e-bikes riding etiquette with respect to where you are riding.

This INSIGHT article provides some basic ideas that will make your e-bike riding experience even more enjoyable. Whether you're a seasoned rider or not, we recommend you reading it just for fun.

## I WANT TO BE A BETTER RIDER. WHAT SHOULD I KNOW?

Always remember that smooth is safe. And smooth is FAST. Being deliberate and smooth with the controls of a bike or other vehicle actually provides the safest AND fastest experience. Whether you are going for a quick lap around a course in a parking lot or maneuvering uneven terrain, take it slow; gradual throttle application, gradual leaning into the turns, and gradual application of the brakes will always yield the best results.



### ACCELERATING

Your ONYX Motorbike gives you the luxury of the twist-throttle that you can use to help get you going or up a hill.

To accelerate safely and effectively, transfer your weight forward by leaning forward toward the front and twist the throttle towards you very slowly; to decelerate release the throttle slowly.

Also, using the pedals will help to conserve your battery during acceleration.



### RIDING & TURNING

One of the main keys to having a great riding experience is vigilantly watching your surroundings and always looking for a clear way around any unsafe situations.

Prepare for turns by braking before the turn and leaning into the turn rather than turning your handlebars. When turning, look where you are headed. This will shift your body towards that direction and your bike will follow, easing out of the end of the turn.

Also keep in mind general weather and road surface conditions where you are riding. Gravel, oil, sand, and leaves become slippery under your tires on paved roads. For example, if riding near the beach, be alert for sand in the road. So look ahead and be prepared!



### BRAKING

To slow down, release the throttle and apply equal pressure to both brake levers.

The front caliper has the most effective stopping power. The powerful rear regenerative brake works like engine braking, while recharging your motor. We recommend always applying both brakes equally. You'll use your arms to brace yourself on the handlebars while you decelerate. Keep your weight balanced between the front and rear to help prevent the rear wheel from locking up and sending you into a skid.

Application of both brakes at the same time is also essential to prevent premature brake wear and/or loss of vehicle control.



## HOW FAR AND FAST CAN I GO?

Once you make sure you are riding in an appropriate location to test performance, your top speed AND range will depend on a number of factors.



### Riding Style

Riding in a smoother, methodical manner will help extend your speed AND range.



### Rider Profile

Riding with less weight and in an aerodynamic position will help extend your speed AND range.



### Terrain

Riding on flat and downhill (obviously...) surfaces will help extend your speed AND range.



### Temperature

Riding in moderate temperatures that are not too hot or too cold will help extend your speed AND range by not overexerting the battery.



### Road Surface

Riding with less weight and in an aerodynamic position will help extend your speed AND range.



### Tires and Inflation

Riding with properly inflated smooth tires will extend your speed, handling, AND range.



### Battery Charge

Riding with a properly maintained and charged battery will help extend your speed AND range.



### Stops

Riding with fewer stops and accelerations will help extend your speed AND range.

Here are some basic performance numbers for a 200 lb. rider on an ONYX RCR in the 3 different Drive Modes:

To go from 0-20 mph:

ECO MODE

6 SECONDS

NRM MODE

4 SECONDS

SPT MODE

3 SECONDS

*\*NOTE: 13 SECONDS 1—55 MPH IN SPT MODE UNDER APPROPRIATE CONDITIONS*