



Setting the e-bike's maximum speed

Adjusting the e-bike's top speed

The bike arrives in USA Class 2 mode.

In this mode the e-bike behaves in the following way:

- Motor power is **750 Watts**
- Pedal assist is limited to **20 mph**
- Throttle is limited to **20 mph**

E-Bike Classifications:

USA Class 1 / 750W	Set NDW to 4	20 mph	Not allowed
USA Class 2 / 750W*	Set NDW to 4	20 mph (32 km/h)	20 mph (32 km/h)
USA Class 3 / 750W	Set NDW to 4	28 mph (45 km/h)	20 mph (32 km/h)
Europe 250W / 25 km/h	Set NDW to 1	15.5 mph (25 km/h)	Not Allowed
Europe S-Pedelec / 45 km/h	Set NDW to 4	28 mph (45 km/h)	Not Allowed
Off-Road mode	Set NDW to 4	> 28 mph	20 mph (32 km/h)
Race Track Mode	Set NDW to 5	> 28 mph	20 mph (32 km/h)

*default configuration

Note:

- In all instances the throttle is limited to 20mph.
- Check with your local regulations before adjusting the e-bike's speed limit.
- In "Off-Road" mode and "Race Track Mode", the speed will not be electronically limited. The top speed will be only limited by the power available to the motor and the rider's own power input.



Setting the e-bike's maximum speed **To enter the Setup Menu and change the**

E-bike's top speed:

Hold the Assist Up and Assist Down buttons for 3 seconds, then release. You will now enter the Setup Menu. Here you can adjust a few settings to control the behavior of the e-bike. Available menu options are:

Unit	Power Off Delay
Speed Limit	NDW
Back Light	Torque
Wheel Size	Low Volts

Navigating and entering a menu setting:

- Use the Assist Down Button to navigate to the “**Speed Limit**” setting. ■ Push the power button once and you will enter that setting.
- You will then have the ability to adjust this setting's value with the Assist UP and Assist Down buttons.
- When you have adjusted the value to your preference, push the power button to exit that setting.
- Continue pressing and releasing the Power Button until you have exited out of the setup menu and return to the main screen.
- The parameters you have adjusted will now be programmed into the system.

Note: If your maximum pedal assist speed is set above 20 mph, you may need to display the “Class 3” Label which is located under the Class 2 Label. Check with your local regulations regarding Class 3 use on public roads and bike paths.



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Setting the e-bike's maximum speed **To enter the Setup Menu and enter Race**

Track Mode (52V systems only):

When on private property (non-public roads), you can enjoy the Race Track Mode setting. Race Track Mode will increase the power limits of the electronics system. Power will automatically ramped down when thermal limits are approached to avoid damage to the electronics system.

Hold the Assist Up and Assist down buttons for 3 seconds, then release. You will now enter the Setup Menu.

- Use the Assist Down Button to navigate to the “**NDW**” setting.
- Push the power button once and you will enter that setting.
- You will then have the ability to adjust this setting’s value with the Assist UP and Assist Down buttons.
- Select the value “**5**” for Race Track Mode
- Push the power button to save and exit the NDW setting.
- Continue pressing and releasing the Power Button until you have exited out of the setup menu and return to the main screen.

☐ The parameters you have adjusted will now be programmed into the system. Setting the

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