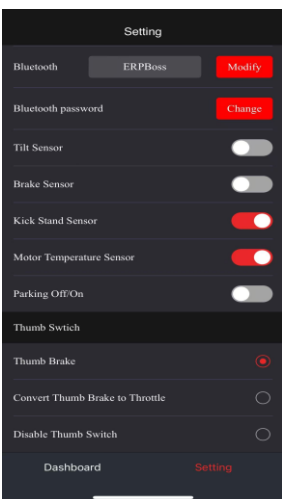**State Of System:** The system state will display the bike's condition in real time. Under normal circumstances, it will show "normal". In abnormal situations, it will display the corresponding fault information. When the bike malfunctions, please check the this state immediately.

Battery Voltage: The voltage of the battery will be displayed in real time. When the bike fails to start or loses power, please check this value immediately. If it is lower than 60V, it indicates that the battery is completely drained or there is a battery fault. Please check the connection of the power cable and the power switch.

Bluetooth Password: The initial password is ERP123. If you receive a message stating the password is incorrect, please try to reset multiple times.
Password Update: To update the password, it must consist of 5 to 8 characters and can only include numbers or English letters. Please remember your password, if you forget, please contact us by email at nick.yang@eridepros.com.
Tilt Sensor: When the bike is tilted backward beyond 45 degrees, the bike will lose power

Brake Sensor: When braking, the brake sensor will disengage the throttle

Kick Stand Sensor: When the kickstand is in the down position, the throttle will be disengaged. When the kickstand is up or horizontal, the throttle is engaged.

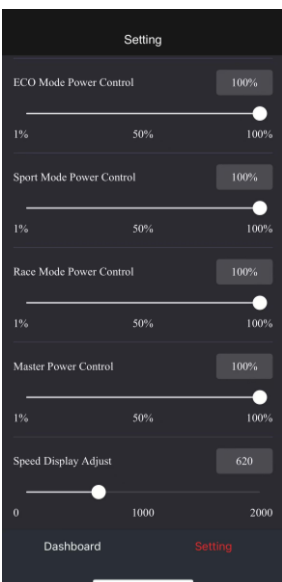**Motor Temperature Sensor:** Moniting the temperature of the motor.
App or speedometer will display motor overheat. Turn off the motor temperature sensor to continue riding. Refer to the manual for when and how to replace a new sensor.

Parking Button: Allows the parking button feature to turn on or off.

Thumb Brake: The thumb switch acts as a brake, stopping the bike completely when pressed. If the switch gets stuck, the throttle won't work. The lever should always keep initial position.

Convert Thumb Brake to Throttle - If the main throttle is broken, this setting lets the thumb switch act as a throttle. Once active, the main throttle will lose function, recommend only use it when the main throttle has issue.

Disable Thumb Switch – Turns off all functions of the thumb switch, making it inactive.

Eco Mode Power control: Allows you to adjust the power output of Eco Mode. The recommended setting is 100%.
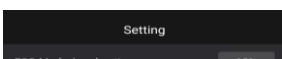
Sport Mode Power Control: Allows you to adjust the power output of Sport Mode. The recommended setting is 100%.
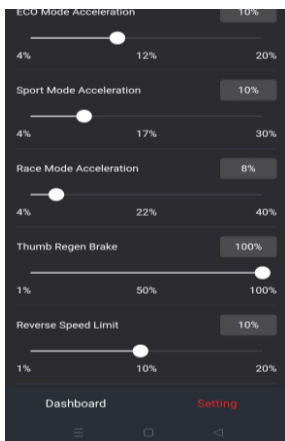
Race mode Power Control: Allows you to adjust the power output of Sport Mode. The recommended setting is 100%.

Master Power Control: Adjusts the peak power of the bike. The recommended setting is 100%.If you reduce the master power control, the Eco/Sport/Race mode power controls are also reduced.

Speed Display Adjust: The initial setting is 620. When changing gear ratio or tire size, you must adjust the setting to obtain accurate speed readings.There are two methods to caculate the value of the speed adjusting:
1. Use a GPS or cell phone to find the difference between displayed speed and actual speed,& then apply the ratio to 620, the original setting.
For example, if the Value 620 and the dashboard displays a speed of 60, but the actual GPS shows a speed of 70, the Value needs to be modified as follows:
70/60 * 620 = 723
2. If you know the gear teeth of the rear sprocket, for example: you change the rear sprocket from 58T to 48T, the initial value is 620, the speed adjust value shoud be modified as follows:620*58/48=750.
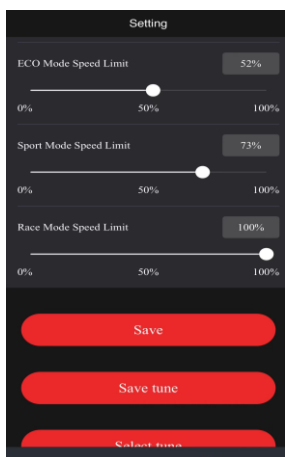
Eco Mode Acceleration: The recommended setting is 10% for Eco mode acceleration. If you want smoother acceleration, reduce to your preference. If you want quicker acceleration or easier wheeling, set up more than 11%.

Sport Mode Acceleration: The recommended setting is 10%. If you want smoother, reduce to your preferrence. If you want quicker acceleration in the beginning or easier wheeling, set up more than 11%.

Race Mode Acceleration: The recommended setting is 8% If you ride on the street or trail, set up to 6% or 7%. If you ride on the track or over technical terrain, set up to 9% or more.

Thumb Regen Brake: Adjusts Electric motor brake strength. The recommended setting is 100%.

Reverse Speed Limit: Adjusts the bike's reverse strength. The recommended setting is 10%.
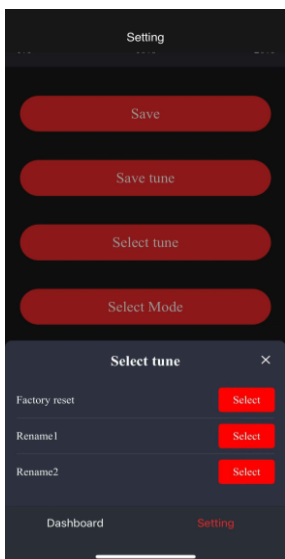

Eco Mode Speed Limit: We recommend 52% for Eco mode speed limit.

Sport Mode Speed Limit: We recommend 73% for Sport mode speed limit.

Race Mode Speed Limit: We recommend 100% for Race mode speed limit.

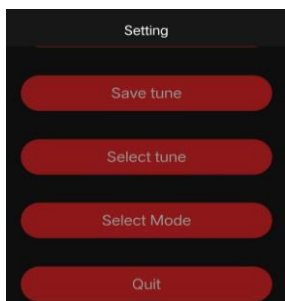**Save:** To confirm your changes, click "Save".

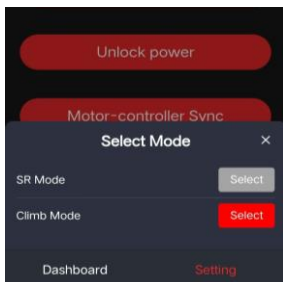**Save tune:** Create and name your custom tune for future use.

Select tune: Choose from your saved tunes.

Factory Reset: Restore factory settings. Through this function, you can return to the initial system settings, including the settings of sensors and tunes.
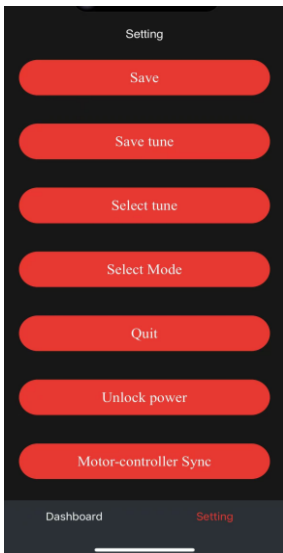
The **Rename1** and **Rename2** are the customized tune that you have saved, rename it.

SR Mode: Default mode with a smooth and linear throttle response. Recommended.

Climb Mode: Climb mode is for soft ground mud, sand, loose rock. This mode will keep your wheel from spinning with more traction, this mode offers custom acceleration tuning, low speed with controllable high acceleration. Climb mode has a throttle with empty gap. So after you get past your obstacles you should return back to SR mode.

Unlock Power: Initial Power is 21KW. Use this button to unlock the full 25KW. Warning: Before you unlock, make sure to wear full protective gear. Please consider this carefully for your safety. E RIDE PRO is not liable for any damages, injuries, or other negative consequences of unlocked power. To accept press Accept. To cancel press Cancel.

Motor- Controller Sync: To sync motor and controller, place the bike on a work stand and make sure the rear wheel is off the ground. Sync motor and controller after a motor or controller has been repaired or replaced.