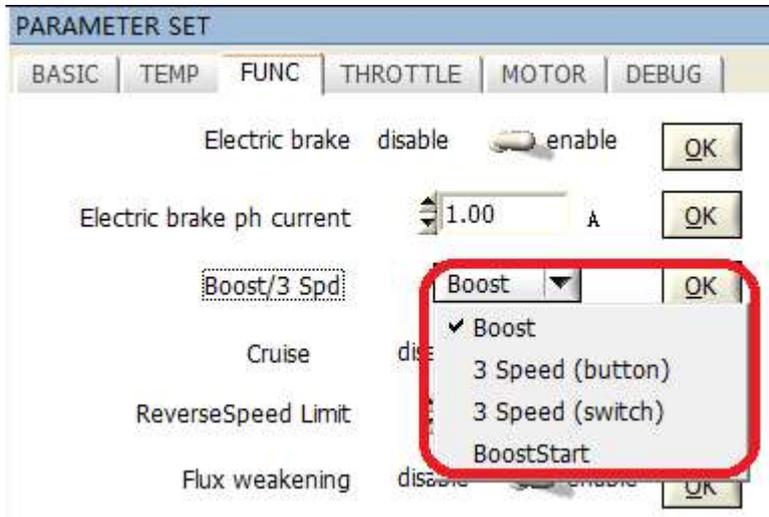




transparent low speed/cruise

The pink wire and the transparent are designed for reuse. they have different use in different setting.

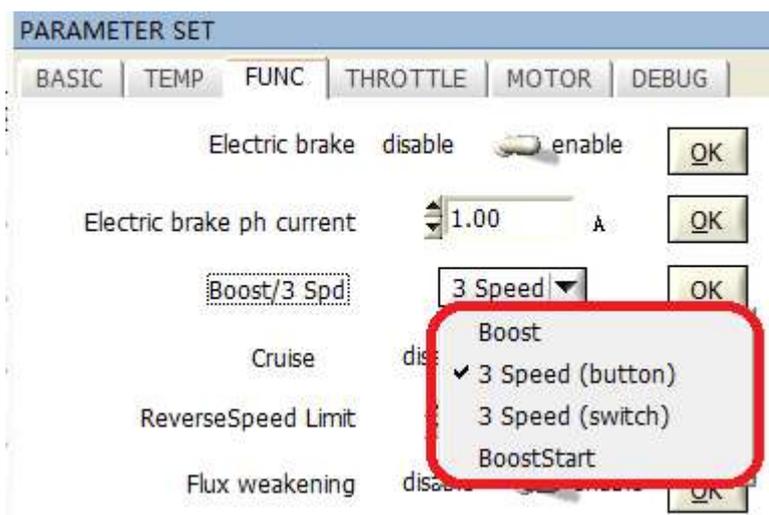
### 2.1 Boost mode



Picture 1

In the setting mode as picture 1. when the pink wire connect to ground(ground = battery negative) for about 1 second and disconnect the ground. the motor will enter boost mode. the transparent wire is cruise wire . when it connect to ground for about 1 second and disconnect , the controller will enter cruise mode.

### 2.2 3 speed(button) mode

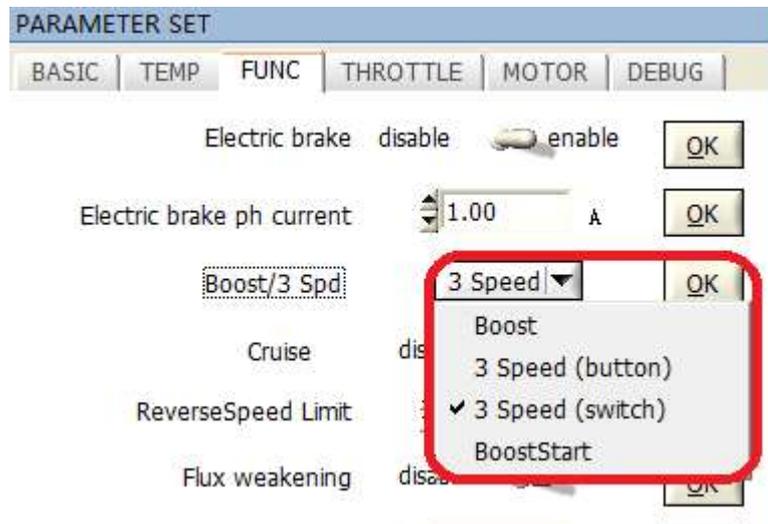


Picture 2

In the setting mode as picture 2. when the pink wire connect to ground(ground = battery negative) for about 1 second and disconnect the ground.

the motor speed will change as the sequence high- middle- low- middle.....  
the transparent wire is cruise wire . when it connect to ground for about 1 second  
and disconnect , the controller will enter cruise mode.

### 2.3 speed(switch) mode

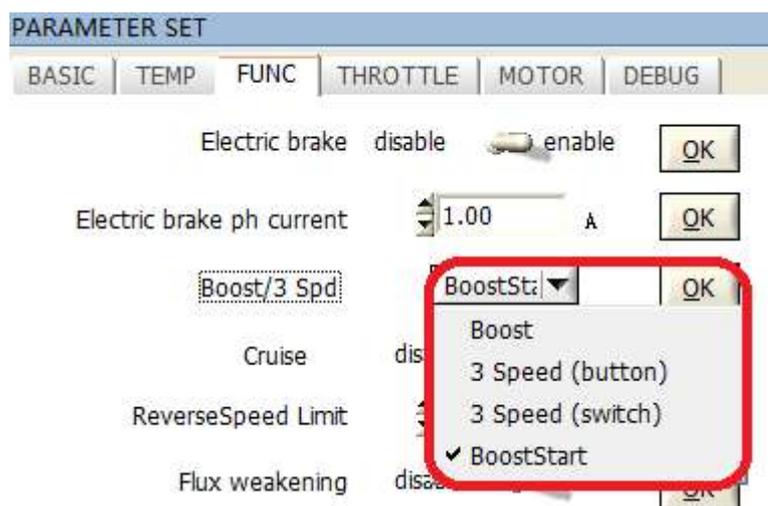


Picture 3

In the setting mode as picture 3. when the pink wire connect to ground(ground = battery negative) ,the controller will enter high speed mode. when the transparent wiring connect to ground, the controller enter to low speed mode. When the pink and transparent both disconnect with ground ,the controller enter middle speed mode.

[In this setting mode ,there is no cruise function.](#)

### 2.4 booststart mode



Picture 4

In the setting as picture 4. The pink wire is no use , the transparent wire is cruise function wire.

3- Purple h-brake

The wire is brake wiring ,it should be connected to about 12V(from convertor) when brake

4- Orange ignition

The wire should connect to battery positive

5- White reverse

When white wire is connected to ground, the controller will enter reverse mode.  
When it is disconnected to ground ,it enter forward mode.

6- hall meter

it can only be connected to hall type meter.

All black wires is ground ,it is connected to battery negative.