

SPD-3648600BLDC 36/48 Volt 500-600 Watt 30A Brushless DC Motor Controller

Operating Voltage: 31.5 through 59 Volts DC (36 or 48 Volt Battery Pack)

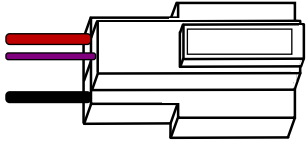
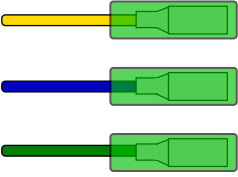
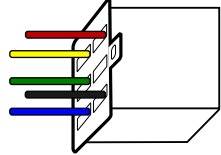
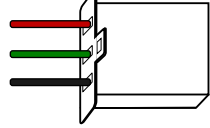
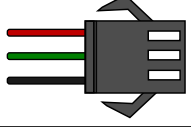
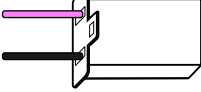
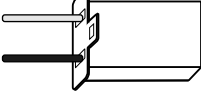
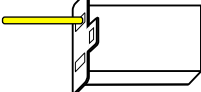
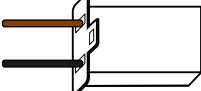
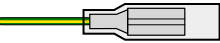
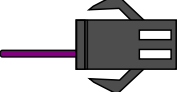
Power: 600 Watts (Works with 500-600 Watt Brushless DC Motors)

Current Limit: 30 Amps (30 Amps Maximum Current Output)

Low Voltage Protection: 31.5 Volts for 36 Volt Battery Packs, 42 Volt for 48 Volt Battery Packs

Works with both Sensored and Sensorless Brushless DC Motors

Compatible with 120 Degree and 60 Degree Motor Phases

<p>Input Power and Power Switch Wires</p>		<p>Red Wire to Battery Positive + *Purple Wire to Power Switch Contact Black Wire to Battery Negative - *When the Purple Wire makes contact with the Battery Positive Wire the power is on.</p>
<p>Motor Phase Wires</p>		<p>Yellow to Yellow Motor Phase U Wire Blue to Blue Motor Phase V Wire Green to Green Motor Phase W Wire</p>
<p>† Motor Hall Sensor Wires</p>		<p>Red to Red Motor Hall Wire +5V Black to Black Motor Hall Wire GND Yellow to Yellow Motor Hall U Wire Green to Green Motor Hall W Wire Blue to Blue Motor Hall V Wire</p>
<p>* Throttle Wires</p>		<p>Red +5 Volt Output Green 1-4 Volt Signal Input Black GND</p>
<p>* Pedal Assist (PAS) Wires</p>		<p>Red +5 Volt Output Green PAS Signal Input Black GND</p>
<p>† Cruise Control Wires</p>		<p>Pink to Cruise Control Switch Contact Black to Cruise Control Switch Contact</p>
<p>† Low Level E-Brake Wires</p>		<p>White to Low Level Brake Switch Contact Black to Common Brake Switch Contact</p>
<p>† High Level E-Brake Wire</p>		<p>Yellow to High Level Brake Switch Contact</p>
<p>† Reverse Wires</p>		<p>Brown to Reverse Switch Contact Black to Reverse Switch Contact</p>
<p>† Speedometer Wire</p>		<p>Green/Yellow to Speedometer +</p>
<p>† Battery Indicator Wire</p>		<p>Purple to Battery Indicator +</p>

† Optional Connections: These wires do not need to be connected for the controller to operate.

* Either the Throttle and or Pedal Assist Sensor wires need to be connected for the controller to operate.