

SPD-481800-06-BLDC 48 Volt DC 1500-1800 Watt Brushless DC Motor Controller

Battery Pack Compatibility: Works with 48 Volt Battery Packs

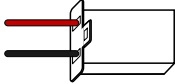
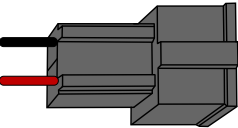
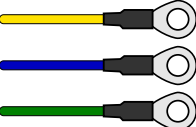
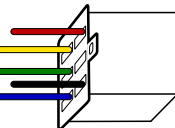
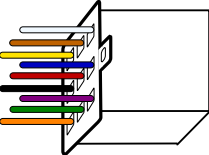
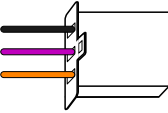
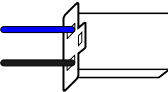
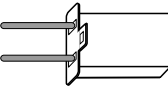
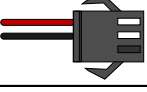
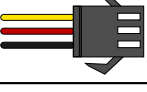
Motor Compatibility: Works with 1500-1800 Watt Brushless DC Motors

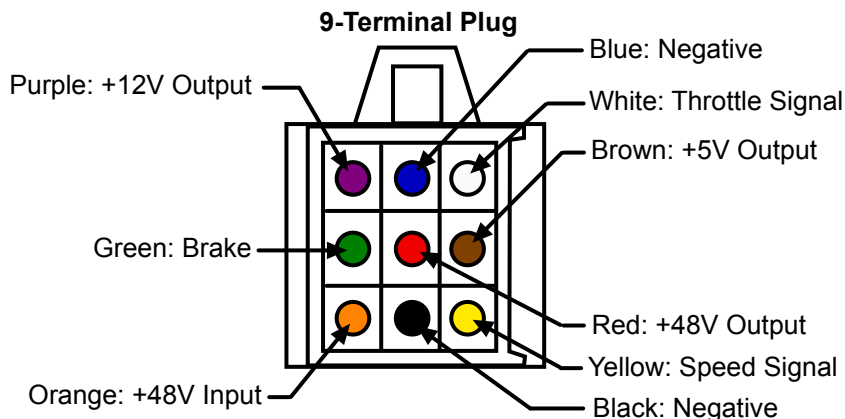
Current Limit: 43 Amps (43 Amps Maximum Current Output)

Low Voltage Protection: 37 Volts

Works with Sensored Brushless DC Motors with 120 Degree Phases

Factory Programmed to Rotate the Motor Shaft in the Clockwise Direction

† Charger Port Wires		Red to Charger Port Positive Black to Charger Port Negative
Input Power Wires		Black Wire to Battery Negative - Red Wire to Battery Positive +
Motor Phase Wires		Yellow to Yellow Motor Phase U Wire Blue to Blue Motor Phase V Wire Green to Green Motor Phase W Wire
Motor Hall Sensor Wires		Red to Red Motor Hall Wire +5V Black to Black Motor Hall Wire Negative Yellow to Yellow Motor Hall U Wire Green to Green Motor Hall V Wire Blue to Blue Motor Hall W Wire
9-Terminal Plug Wires		See 9-Terminal Plug Drawing Below
† Voltage Converter Wires		Black Negative Purple +12V Input Orange +48V Output
† Cruise Control Wires		Blue to Cruise Switch Contact Black to Cruise Switch Contact
†* Speed Limiter Wires		Gray to Speed Limiter Switch Contact Gray to Speed Limiter Switch Contact
† Alarm Wires		Red +48V Output Black Negative
† Speed Sensor Wires		Yellow to Speed Sensor Signal Red +5V Output Black Negative



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

* When speed limiter wires are connected together the controller is in reduced power output mode.