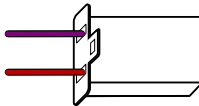
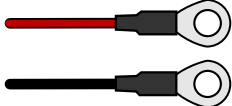
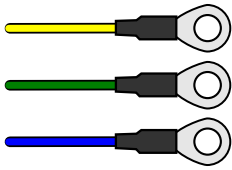
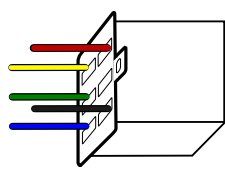
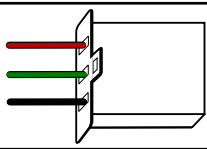
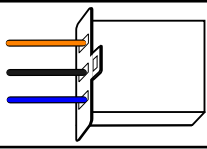
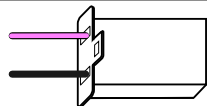
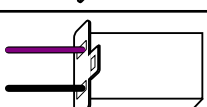
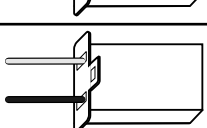
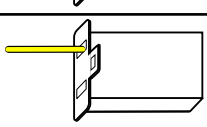
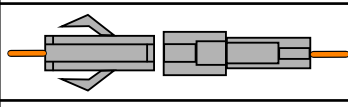
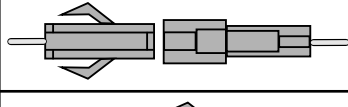
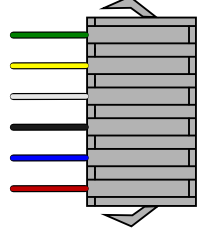


SPD-481500BRUSHLESS 48-84 Volt DC 1500 Watt Brushless Motor Controller
 Sensor / Sensorless 120 Degree / 60 Degree
 Operating Voltage: 48-84 Volts DC, Power: 1500 Watts, Current Limit 45 Amps
 Low Voltage Protection: 41.5 Volts

Power Switch Wires (Required Connection)		Purple to Power Switch Contact Red to Power Switch Contact	
Input Power Wires (Required Connection)		Red Wire to Battery Positive + Black Wire to Battery Negative -	
Motor Phase Wires (Required Connection)		Yellow to Yellow Motor Phase U Wire Green to Green Motor Phase V Wire Blue to Blue Motor Phase W Wire	
Motor Hall Sensor Wires (Required Connection)		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 V Wire Blue to Blue Motor Hall W Wire	
Throttle Wires (Required Connection)		Red +5 Volt Output Green 1-4 Volt Signal Input Black GND	
3 Speed Control Wires (Optional Connection)		Orange High Speed Black Medium Speed Blue Low Speed	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> BLK to ORG = High BLK to BLK = Med BLK to BLU = Low </div>
Cruise Control Wires (Optional Connection)		Pink to Cruise Control Switch Contact Black to Cruise Control Switch Contact	
Reverse Wires (Optional Connection)		Purple to Reverse Switch Contact Black to Reverse Switch Contact	
Low Level E-Brake Wires (Optional Connection)		White to Low Level Brake Switch Contact Black to Common Brake Switch Contact	
High Level E-Brake Wires (Optional Connection)		Yellow to High Level Brake Switch Contact	
Regen Braking Wires (Optional Connection)		Orange to Regen Braking Switch Contact Orange to Regen Braking Switch Contact	
Speed Limiter Wires (Optional Connection)		White to Speed Limiter Switch Contact White to Speed Limiter Switch Contact	
To Cycle Analyst Dashboard Cycle Analyst CA-DP Wires (Optional Connection)		Green = Throttle Signal Yellow = Speed Sensor White = Shunt + Black = Shunt - Blue = Battery - Red = Battery +	