

Wiring Directions

Model: 24 Volt 250 Watt Brushless Motor Controller
Type: Sensor/Sensorless 120 degree / 60 degree

Parameters:

Voltage: 24 Volts DC
 Power: 250 Watts
 Current Limit: 15 Amps
 Low Voltage Protection: 19 Volts

Wiring Directions:

Battery Pack	Thick Red > +24V DC		Power Switch Black Connector	Purple
	Thick Black > GND			Red
Motor	Phase (thick)	Yellow > U	Brake Black Connector	White > Signal Low
		Blue > V		Black > GND
		Green > W	Cruise Control Black Connector	Pink > Q
	Sensor (thin) White Connector	Red > +5V		Three Speed
		Black > GND	N/A	
		Yellow > U	N/A	
		Green > V	Speedometer	Single Green > S+
	Blue > W	Reverse		N/A
Throttle Black Connector	Red > +5V		N/A	
	Green > Send		Battery Indicator	N/A
	Black > GND			N/A
PAS Black Connector	Black > GND		Speed Limiter	Thin White + Thin White
	Red > +5V			
	Purple > ZL			

Notes:

Only the Power Switch, Battery Pack, Motor, and Throttle connections are required for operation. All other connections are optional.