

Wiring Directions

Model: 36 Volt 350 Watt Brushless Motor Controller
Type: Sensor/Sensorless 120 degree / 60 degree

Parameters:

Voltage: 36 Volts DC
 Power: 350 Watts
 Current Limit: 17 Amps
 Low Voltage Protection: 31.5 Volts

Wiring Directions:

Power	Thick Red > +36V DC		Brake (low)	White > Signal Low
	Thick Black > GND			Black > GND
	Thin Purple > Power On/Off		Brake (high)	Single Yellow > Signal High
Motor	Phase (thick)	Yellow > U		Cruise Control
		Blue > V		
		Green > W		
	Sensor (thin)	Red > +5V	Three Speed	
		Black > GND		
		Yellow > U		
Green > V		Speedometer	Single Green > S+	
	Blue > W	Reverse		
Throttle (White Connector)	Red > +5V			
	Green > Send		Battery Indicator	Single Purple > + 36V
	Black > GND			Black > GND
PAS (Black Connector)	Red > +5V		Speed Limiter	Thin Blue > Thin Blue
	Green > ZL			
	Black > GND			

Notes:

- 1: Black > GND wires can be bridged to the Power Thick Black > GND wire.
- 2: Only the Power, Motor, and Throttle connections are required for operation. All other connections are optional.