

Wiring diagram

Model: 48V 1000W

Type: Sensor/sensorless 120° /60°

Controller size:

Parameter:

- 1) **Voltage: DC48V**
- 2) **Power: 1000W**
- 3) **Current-limit: 45A**
- 4) **Low-voltage protection : 42V±0.5V**

Wiring Diagram:

Power	Thick Red → +48V		Brake (Low)	White → SL
	Thick Black → GND			Black → GND
	Thin purple&red → power on/off		Brake 2 (High)	Single Yellow → SH
Motor wire	Phase (thick)	Yellow → U		Empty
		Blue → V	Cruise	Pink → Q
		Green → W		Black → GND
	Sensor (thin)	Red → +5V	3 Speed	Orange →
		black → GND		Black →
		yellow → U		Blue →
		green → V		Meter
blue → W				
Throttle	Red → +5V		Battery indicator	
	Green → SD			
	Black → GND			Single purple → +48V