



User Guide for the PowerStream PST-UPS4 DC/DC UPS Controller

The PST-UPS4 is used to provide standby power to a device operating on a nominal 12 volt DC power. The current capacity of the PST-UPS4 is 5 Amps.

Connections

There are 6 terminals for the power connections.

Power Connections

The connection for the power terminals are AWG18 wires

The positive connection from the Primary (Main) power supply should be connected to the red wire. The negative connection from the Primary (Main) power supply should be connected to the black wire .

The positive connection to the device to be powered (Output) should be connected to the yellow wire. The negative wire to the device to be powered (Output) should be connected to the black wire

The grey, green and orange wires are a voltage divider that allows optional measurement of the voltages of the two batteries..

Designator	Color	Gauge
Main input	Red	18AWG
Main ground	Black	18AWG
Load	Yellow	18AWG
Battery positive	White	18AWG
Battery negative	Blue	18AWG
Voltage divider ground	Grey	22AWG
Voltage divider main battery voltage	Green	22 AWG
Voltage divider auxiliary battery voltage	Orange	22AWG

