

Mounting Instructions for XL375 OR-ing Board

The accessory XL375 OR-ing board provides the function of a nearly perfect diode at the output terminals of the XL375 power supply. It will normally experience about a 40-50mV forward voltage drop under full load conditions and inhibits current from flowing into the XL375 in the event of power loss or a supply failure. There are four versions available for different output voltages. Make certain you match the OR-ing board voltage to the target power supply. The power supply model number indicates its output voltage (ex.: XL375-24 CS is a 24V supply).

XL375 Output Voltage	OR-ing Board Part Number	Marked as
12	400040-02-8	12V
24	400041-02-6	24V
28-48	400052-02-3	28-48V
54-56	400044-02-0	54-56V

The left terminals J1 and J3 (top) are positive and in the center of the board. Terminals J2 and J4 (top) are connected together. Use a lockwasher under the 6-32 screw heads at J1 and J2. Firmly tighten the J1 and J2 mounting screws as electrical currents can be substantial and will cause failures if these screws are not properly tightened.

