

## LVR / LVD Low Voltage Disconnects

The **LVR Series (Rackmount)** and **LVD Series (Wall-Mount)** **Low Voltage Disconnect** protect telecom equipment and battery strings from damage due to excessive battery discharge, typically encountered during extended AC power black-outs. The **LVR/LVD Series** automatically disconnect the load at a preset low voltage cut-off point, then reconnect the load when the battery string is recharged and reaches the preset connect voltage. The connect and disconnect voltages are user-adjustable (see specifications below).



### Product Features

- **Front Panel**
  - ▶ Contactor "Open" and "Closed" indicator lights, voltage test and injection points, connect and disconnect potentiometers, and manual override
- **48/24/12 VDC Models**
  - ▶ Available in ratings of 200-800 Amps. May be used with positive or negative ground battery strings
- **Mounting Brackets**
  - ▶ Provided for 19" or 23" racks and the panel occupies 3 RU of rack space

### Product Specifications

Current Draw	
Disconnect Mode	50 mA Max
Contact Activation	0.67-1.91 Amps
Contact Closure Maintenance	0.28-0.92 Amps
Factory Set Actuation Voltages	
48 V	42.0 VDC disconnect; 49.0 VDC connect
24 V	21.0 VDC disconnect; 24.5 VDC connect
12 V	10.4 VDC disconnect; 12.2 VDC connect
Maximum Connect / Disconnect Voltages	
48 V	60 VDC/38 VDC
24 V	30 VDC/18 VDC
12 V	15 VDC/9 VDC

### Model Selection Guide

Models	Voltage	Maximum Amps	Weight	Dimensions (H x W x D)
<b>LVR-48-800</b>	48 VDC	800	16 lbs	5.25 x 19/23 x 7" (3RU)
<b>LVR-48-200</b>	48 VDC	200	10 lbs	5.25 x 19/23 x 7" (3RU)
<b>LVR-24-800</b>	24 VDC	800	16 lbs	5.25 x 19/23 x 7" (3RU)
<b>LVR-24-200</b>	24 VDC	200	10 lbs	5.25 x 19/23 x 7" (3RU)
<b>LVR-12-400</b>	12 VDC	400	12 lbs	5.25 x 19/23 x 7" (3RU)
<b>LVD-48-30</b>	48 VDC	30	Wall-mount configurations only <b>Contact Majorpower.Com for specifications</b>	
<b>LVD-24-50</b>	24 VDC	50		
<b>LVD-24-20</b>	24 VDC	20		
<b>LVD-12-75</b>	12 VDC	75		
<b>LVD-12-30</b>	12 VDC	30		