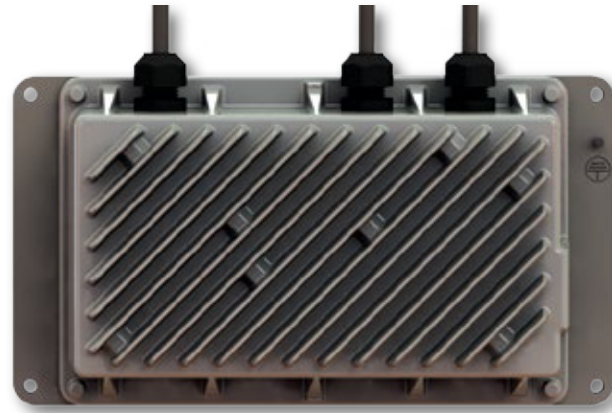


IP68



# LPR48-150

## ±190Vdc to -48Vdc Dual Line Powering Remote Down-Converter Unit

- > Providing up to 150W output at 54Vdc to power remote nodes
- > IP68 rugged, sealed unit for installation either inside or outside power cabinets
- > Wide operating temperature range for deployment in harsh OSP environments
- > Built-in power holdup ensures remote equipment may ride through line surges

P/N: 0120048-001

### Electrical

Input voltage: ..... 200 to 380Vdc (±100 to ±190Vdc)  
 Number of inputs: ..... 2  
 Output voltage: ..... -50 to -55Vdc (full load to no load)  
 Power: ..... up to 150W (de-rates with input voltage)  
 Output current: ..... 3.0A (de-rates with input voltage)  
 Efficiency: ..... >88%  
 Electrical noise: ..... <100mVRMS to 20MHz (wide band)  
 <500mVp-p to 20MHz

### Performance / Features

Alarm relay: ..... Form C

### Mechanical

#### Dimensions:

mm: ..... 140H x 255W x 70D  
 inches: ..... 5.5H x 10W x 2.8D  
 Weight: ..... 1.89kg (4.2lbs)

Connections: ..... Three blunt cut cables (input, output and alarm)

### Environmental

#### Temperature:

Operation: ..... -40 to 65°C (-40 to 149°F)  
 Storage: ..... -40 to 85°C (-40 to 185°F)

Environmental protection: IP68

Humidity: ..... 5 to 100% RH  
 Elevation: ..... -500 to 2800m (-1640 to 9186ft)

### Agency Compliance

Safety: ..... CSA/UL 60950-1  
 CSA/UL 60950-21 (RFT-V circuit compatible)  
 CSA/UL 60950-22  
 EMC: ..... CFR47 (FCC) Part 15 Class B  
 EN 55022 Class B