



HP LPS04

-48Vdc to ± 190 Vdc Quad Line Power Up-Converter Unit

- > Providing four (4) ± 190 Vdc line powering RFT-V channels with current limiting and ground fault protection
- > 92% efficiency for decreased OPEX savings and reduced carbon footprint
- > High reliability, rugged and sealed enclosure for installation either inside or outside power cabinets
- > Wide operating temperature range for deployment in harsh OSP environments

P/N: 0120037-001

Electrical

Input voltage:	-40 to -60Vdc
Output voltage:	± 190 Vdc
Number of outputs:	4
Power:	96W nominal per output (4 outputs per unit) >92W for worst case conditions
Output current:	Maximum 254 mA per output
Efficiency:	>92%
Regulation:	<2% no load to full load <1% line
Noise:	
Wide band:	<500mV RMS (10kHz to 10MHz) <2.5V pk to pk (10kHz to 100MHz)

Performance / Features

Alarm relays:	Form C
LED:	System ok (green) Minor alarm (yellow) Major alarm (red)

Mechanical

Dimensions:	
mm:	142H x 305W x 54D
inches:	5.6H x 12W x 2.1D
Weight:	2.9kg (6.5lbs)
Connections:	Two (2) blunt cut cables

Environmental

Temperature:	
Operation:	-40 to 65 °C (-40 to 149 °F)
Storage:	-40 to 85 °C (-40 to 185 °F)
Environmental Protection:	IP54
Humidity:	5 to 100% RH
Elevation:	-500 to 2800m (-1640 to 9186ft)

Agency Compliance

Safety:	IEC/CSA/UL 60950-1 IEC/CSA/UL 60950-21 (RFT-V circuit) IEC/CSA 1UL 60950-22 CSA 94.07/UL50E GR-1089-COR Class A2
EMC:	CFR47 (FCC) Part 15 Class A ETSI EN 300 386 EN 55022 Class A