

19" 1U ASPOI AC to DC Power Converter

RU1-1048

RU1-1048 has a universal AC input and full range. It has a high efficiency of up to 89 percent. The operating temperature for these units is -40 C to over 70 C with a built-in cooling fan. It comes with at least three layers of protection from short circuit, overload, over voltage, and over temperature.

- 1 unit can cover up to 5 ASPOI chassis
- Universal AC input/Full Range
- Remote Sense DC-OK TTL signal & TTL remote control
- Operating Temperature Range: -40 to +70 C (Built-in cooling fan)
- Protection: Short Circuit / Overload / Over Voltage / Over Temperature
- High efficiency up to 89%



Output Voltage.....	48.0 VDC
Output Adjustment Range	41.0 – 56.0 VDC
Output Voltage Tolerance.....	+/- 1.0 %
Output amperage, max continuous (w/180 – 260 VAC input)	10 Amps @ 48 VDC
Maximum Power, continuous	480 Watts
Maximum ripple and noise.....	150 mV p-p max
Input voltage range (auto-ranging)85-264 VAC, 120-370 VDC
Input frequency range.....	47-63 Hz
Maximum AC current.....	6.5 Amps/115 VAC; 3.5 Amps/230 VAC
Typical Efficiency.....	89 %
Max inrush current, single cycle	20 Amps @115 VAC / 40 Amps @ 230 VAC
Short Circuit protection	Constant Current Limiting
Overload Protection (operates)	typical 105-145 %
Over Temperature	>195 F (90 C) auto output shutdown
Temperature range.....	-4 – 140 F (-20 - +60 C)
Storage Temperature	-40 – 185 F (-40 - +85 C)
Withstand Voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC
Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC / 25 / 70% RH
Dimensions.....	1.75H x 19W x 4.75D inches, nominal
Weight	7 lbs., nominal

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Connection Drawing

ASPOI Power Connection through RU1-1048

