

CIRCUIT-TEST

RPR Series Power Adapters

- AC/DC Adapter - 12VDC 1.6A
- Energy Efficiency Level VI
- Universal Input (100 - 240 VAC)
- No Load Power Consumption <0.1W
- Over Voltage, Over Current and Short Circuit Protection
- UL, cUL Safety Approvals



SPECIFICATIONS

MODEL	RPR-1201A6-P5
INPUT	
Voltage	100 - 240VAC
Frequency	50 - 60Hz
Current	0.48A Max
Inrush Current	60A Max (at 230VAC, full load, cold start, 25°C)
Power Consumption (no load)	< 0.1W (at 115VAC/230VAC)
OUTPUT	
Voltage	12VDC
Current	1.6A Max
Regulation	±5% Typical
Power	19.2W Max
Ripple & Noise	120mVp-p Max
PROTECTIONS	
Over Voltage Protection	22V Max
Short Circuit Protection	Output shutdown, auto recovery
Over Current Protection	5A Max
SAFETY	
Safety Approvals	UL, cUL,
Efficiency	DoE LEVEL VI, NRCan
Dielectric Strength	Primary to Secondary at 10mA for 1 minute: 3000Vac
Insulation Resistance	Primary to Secondary 500Vdc: 10Mohm
EMI/EMC	FCC Class B
Leakage Current	Less than 0.25mA
MTBF	300,000 hours (calculated at 25°C per Telcordia SR-332)
RoHS	Compliant
ENVIRONMENTAL	
Operating Temperature	0 to 40°C
Storage Temperature	-20 to +80°C
Operating Humidity	20 to 80% RH
Storage Humidity	10 to 90% RH

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MECHANICAL SPECIFICATIONS

MODEL	RPR-1201A6-P5
Dimensions	72 x 34 x 69mm (LxWxH)
Weight	170g
Inlet Plug	North American 2 pin
Output Plug	2.1 x 5.5mm Plug, Centre Positive

