

PTDA-048A SERIES

48W Desktop Power Supply for I.T. Equipment



- Input Voltage 100 to 240 VAC, 50/60Hz
- IEC-320-C8 inlet and optional AC cords (US, EU, UK, Japan types)
- Over Voltage / Over Load / Short Circuit Protection
- Meet Energy Efficiency DoE Level VI Standard
- Class II Insulation

1 Year Warranty

Approvals:

Single Output

Product Number	Output Voltage	Max. Output Current	Output Regulation	Maximum Output Power
PTDA-048A-XXXXXX	5 ~ 24 VDC	5A Max	±5%	48W

Electrical Characteristics

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
Input Voltage	Operating Voltage	100		240	VAC
Input Frequency		50		60	Hz
Output Power Range		0		48	W
Input Current (rms)	I/P: 90 VAC			1	A
Inrush Current	At I/P: 100 VAC			60	A
Inrush Current	At I/P: 230 VAC			90	A
Ripple & Noise				250	mVp-p
Voltage Regulation	Constant voltage mode		±5		%
Leakage Current				0.25	mA
Efficiency	Io=Full Load, 115 VAC (DC Conversion)	81			%
Protection	Over Voltage Protection (OVP); Over Load Protection (OLP); Short Circuit Protection;				
Automatic Recovery	Automatic recovery when removal of protect condition. Any protect condition shall cause no damage and no component fail. (<0.03 ohm)				

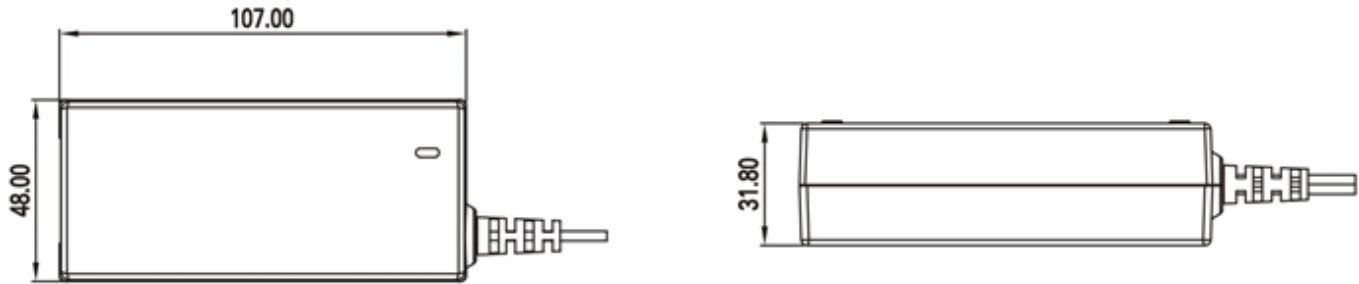
Conditions

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
Operating Temperature	Ambient	0		40	°C
Storage Temperature	Ambient	-10		70	°C
Operating Humidity		8		90	%
MTBF	Full Load at 25°C Ambient Temperature	80			K Hours

Approvals and Compliance

Parameter	Test Conditions
Safety Description	EMI, FCC Class B, CISPR22 Class B, EN55022, CE (EMC&LVD), EN61000-3-2:2006, EN61000-3-3:2008, EN60065, EN61558

Mechanical Diagram



Note:

1. Dimensions are shown in mm.
2. Weight: 360g approx. (Exclude the AC cord)
3. Optional output connector
4. Optional white casing