

PTDA-150A-A SERIES

150W Desk Top Power Supply for I.T. Equipment



- Input Voltage 100 to 240 VAC, 50 to 60Hz
- IEC-320-C14 Inlet
- Single Output
- Over Voltage and Short Circuit Protection (Auto Recovery)
- Class I Insulation

1 Year Warranty

Approvals:

Single Output

Product Number	Output Voltage	Output Current	Output Regulation	Maximum Output Power
PTDA-150A-xxxxyy-A	12 ~ 24 VDC	6.25 ~ 12.5 A	±5%	150W

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		150	W
AC input Rated current	100V AC				A
AC input Max power(No load)	230V AC				W
Inrush Current	100VAC cool start				A
Inrush Current	230VAC cool start				A
Leakage current				0.25	A
Hold-up time	Full load at 115 VAC				ms
Voltage Regulation	At constant voltage mode		±5		%
Current Limit	At constant current mode		±5		%
Efficiency	Io=Full Load, 115 VAC (DC Conversion)				%
Protection	Over voltage protection (OVP), AC recycle; Short circuit protection; Output 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)				

Approvals and Compliances

Parameter	Test Conditions	Min.	Unit
EMI	FCC Class B, CISPR22 Class B, EN55022 Class B		
Safety Description	UL/c-UL, FCC, CE, EMC&LVD, UL60950, UL60065	n/a	n/a

Conditions

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
Operating Temperature	Ambient	0		40	°C
Storage Temperature	Ambient	-25		85	°C
Storage relative humidity		5		95	%
MTBF	full load at 25°C ambient temperature				KHrs

Mechanical and PIN out**Note:**

1. Dimensions are shown in mm.
2. Weight: approx.
(Exclude the input cord)
3. Optional output connector.