

PTDA-908-B SERIES
90W 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 / Short Circuit Protection (Auto Recovery)
- Meet Energy Efficiency DoE Level VI Standard
- Class II Insulation (Double Insulation)

1 Year Warranty
Approvals:
Single Output

Product Number	Output Voltage	Max. Output Current	Output Regulation	Maximum Output Power
PTDA-908-XXXXXX-B	12 ~ 16 VDC	6.50A Max	±5%	90W
	17 ~ 24 VDC	5.29A Max	±5%	90W

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		90	W
Input Current (rms)	I/P: 90 VAC			1.5	A
No-Load Power Consumption	230VAC			0.5	W
Inrush Current	At I/P: 100~2400 VAC, cold start, 25 °C			80	A
Ripple & Noise				300	mVp-p
Voltage Regulation	Constant voltage mode		±5		%
Hold-Up Time	Io=Full Load, Vin=115VAC		10		mS
Leakage Current				0.25	mA
Efficiency	Io=Full Load, 115 VAC (DC Conversion)	87			%
Protection	Over Voltage Protection (OVP), AC recycle; Short Circuit Protection; Over Current Protection (OCP)				
Automatic Recovery	Automatic recovery when removal of protect condition. Any protect condition shall cause no damage and no component fail. (<0.03 ohm)				

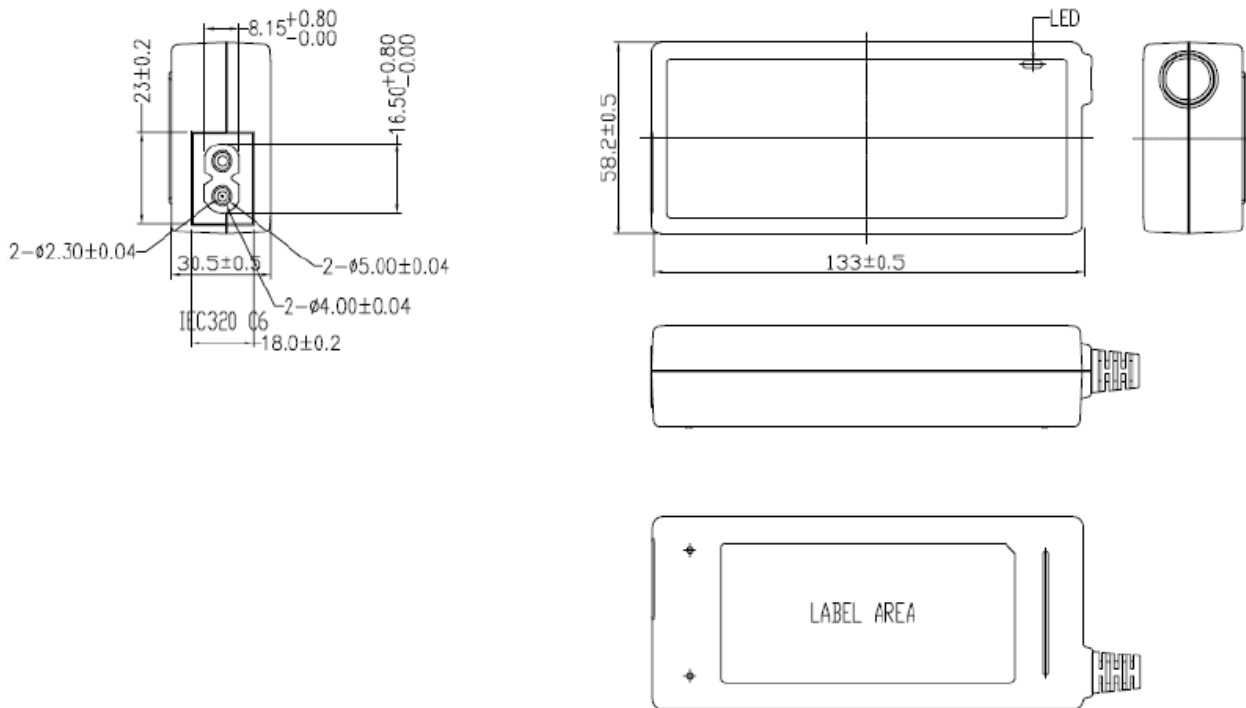
Conditions

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
Operating Temperature	Ambient	0		40	°C
Storage Temperature	Ambient	-10		70	°C
Operating Humidity		8		95	%
MTBF	Full Load at 25°C Ambient Temperature	50			K Hours

Approvals and Compliance

Parameter	Test Conditions
EMI	FCC Class B, CISRP22 Class B, EN55022 Class B
Safety Description	EMI, FCC Class B, CISPR22 Class B, UL60950-1, IEC60950-1
Environmental Compliance	RoHS, Energy Efficiency DoE Level VI

Mechanical Diagram



Note:

1. Dimensions are shown in mm.
2. Weight: 450g approx. (Exclude the AC cord)
3. Optional output connector