

800W ENCLOSED POWER SUPPLY RANGE

PDF-800-24, PDF-800-27, PDF-800-48



Features:

- Universal / Full range AC input
- Built in active PFC
- Highly reliable design
- Built in remote sense function
- 3 years warranty

Description:

The 800W enclosed power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. This range comprises of 3 models with outputs of either 24v,27v or 48v. Each model is RoHS, CE, UL approved and come with a three year warranty.

Specification			
Part Number	PDF-800-24	PDF-800-27	PDF-800-48
DC Output	24V	27V	48V
Rated Output Current	27A	23A	14A
Ripple & Noise	<200mV	<240mV	<240mV
Voltage ADJ. Range	-5% - +10% of rated output voltage		
Voltage Accuracy	+/-2%	+/-2%	+/-2%
Line Regulation	+/-0.5%	+/-0.5%	+/-0.5%
Load Regulation	+/-2%	+/-2%	+/-2%
Set-up Time	<3S (220Vac input Full load)		
Hold up Time	>8mS		
Temperature Coefficient	+/-0.03%		
Overshoot and Undershoot	<5%		
Input Voltage Range	90Vac - 264Vac		
Input Frequency Range	47Hz-63Hz		
Efficiency	88%	88%	89%
AC Current (max.)	12A		
Inrush Current (max.)	<20A@220Vac Cold Start		
Leakage Current	Input-output <0.25mA Input-PG: <3.5mA		
Over Load Protection	110 - 135% of rated output current, constant current, auto recovery		
Operating Temp. & Humidity	-30°C to +70°C 20% to 90% RH (No condensing)		
Storage Temp. & Humidity	-40°C to 85°C 10% to 95% RH (No condensing)		
Safety Standards	UL60950-1 2nd Ed; IEC 60950-1:2005 2nd Ed, EN60950-1: 2006		
Withstand Voltage	Primary-Secondary: 3KVac <10mA Primary-PG:1.5KVac; <10mA Secondary-PG:0.5KVDC<10mA		
Isolation Resistance	>100M ohms		
EMI Conduction Radiation	Compliance to EN55022 Class B		
Harmonic Current	Compliance to EN61000-3-2. class D		
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, heavy industry level		
MTBF	>200,000 Hours		
Dimension	226mm x 116.5mm x 41mm		
Packing	6PCS/CTN 8.9Kgs		
Cooling Method	Cooling by forced air (built in fan)		

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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