

600W ENCLOSED POWER SUPPLY RANGE

PDF-600-12, PDF-600-24, PDF-600-36, PDF-600-48



Features:

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

Description:

The 600W 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 4 models with outputs of either 12v,24v,36v or 48v. Each model is RoHS, CE, UL approved and come with a three year warranty.

Specification				
Part Number	PDF-600-12	PDF-600-24	PDF-600-36	PDF-600-48
DC Output	12V	24V	36V	48V
Rated Output Current	42A	26.5A	17.5A	13.6A
Ripple & Noise	<180mV	<150mV	<150mV	<200mV
Voltage ADJ. Range	-5% - +10% of rated output voltage			
Voltage Accuracy	+/-2%	+/-2%	+/-2%	+/-2%
Line Regulation	+/-0.5%	+/-0.5%	+/-0.5%	+/-0.2%
Load Regulation	+/-1%	+/-1%	+/-1%	+/-1%
Set-up Time	<1.5S (230Vac input Full load)			
Hold up Time	>16mS			
Temperature Coefficient	+/-0.05%			
Overshoot and Undershoot	<5%			
Input Voltage Range	90Vac - 264Vac			
Input Frequency Range	47Hz-63Hz			
Efficiency	88%	89%	90%	90%
AC Current (max.)	9A			
Inrush Current (max.)	<20A@230Vac Cold Start			
Leakage Current	Input-output <0.25mA Input-PG: <3.5mA			
Over Load Protection	110 - 135% of rated output current, constant current			
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	218mm x 116.5mm x 41mm			
Packing	6PCS/CTN 8.7Kgs			
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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