

OPEN FRAME POWER SUPPLY

60WATT



STONTRONICS: PS-60-5, PS-60-12, PS-60-15, PS-60-24, PS-60-48



Features:

- Universal Input
- High Efficiency
- 3 Year Warranty
- Efficiency Level VI

Description:

The 60W open frame power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. Each model is approved to CE, CB, UL and comes with a 3 year warranty.

Specification					
Part Number	PS-60-5	PS-60-12	PS-60-15	PS-60-24	PS-60-48
DC Output	5V	12V	15V	24V	48V
Output Current	8A	4.5A	3.6A	2.5A	1.25A
Ripple & Noise	<50mV	<120mV			<240mV
Output Voltage Adj. Range	4.5 - 5.5V	11.2 - 13.4V	13.8 - 16.5V	22.2 - 27.9V	45 - 53.2V
Line Regulation	+/-0.5%				
Load Regulation	+/-2%				
Hold up Time	>20mS (230Vac input, Full Load)				
Temperature Coefficient	+/-0.03%				
Overshoot and Undershoot	<5%				
Input Voltage Range	90Vac - 264Vac, 127Vdc - 370Vdc				
Input Frequency Range	47-63Hz				
Input Efficiency	79%	83%	84%	87%	85%
Input Current (Max)	<1.5A				
Inrush Current	<30A@120Vac <60A@230Vac Cold Start				
Leakage Current	<0.25mA				
Over Load Protection	105-180% of Rated Output Current, Hiccup Mode, Auto Recovery				
Over Voltage Protection	110-150% of Rated Output Voltage, Constant Voltage				
Short Circuit Protection	Long Term Mode, Auto Recovery				
Operating Temp & Hum.	-25°C - 70°C 20% - 90%				
Storage Temp & Hum.	-40°C - 85°C 10% - 95%				
Safety Standards	UL60950-1; EN60950-1; 2006				
Withstand Voltage	Primary - Secondary 3KVac				
Isolation Resistance	>100M ohms				
EMI Conduction & Radiation	Compliance to EN55022 (CISPR22) Class B				
Harmonic Current	Compliance to EN61000-3-2,3				
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, Light Industry Level Criteria A				
MTBF	>200000 Hours				
Dimensions	101.6mm x 50.8mm x 30mm				
Cooling Method	Cooling by Free Air Convection				

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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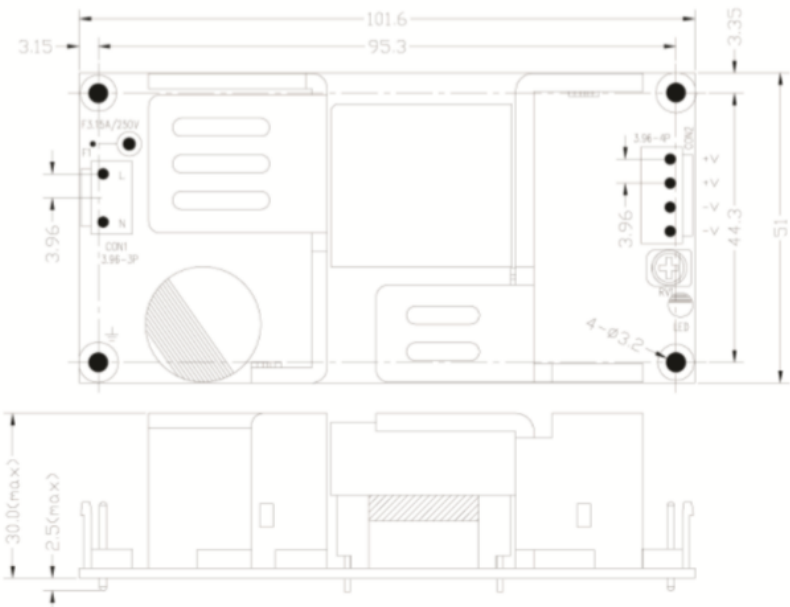
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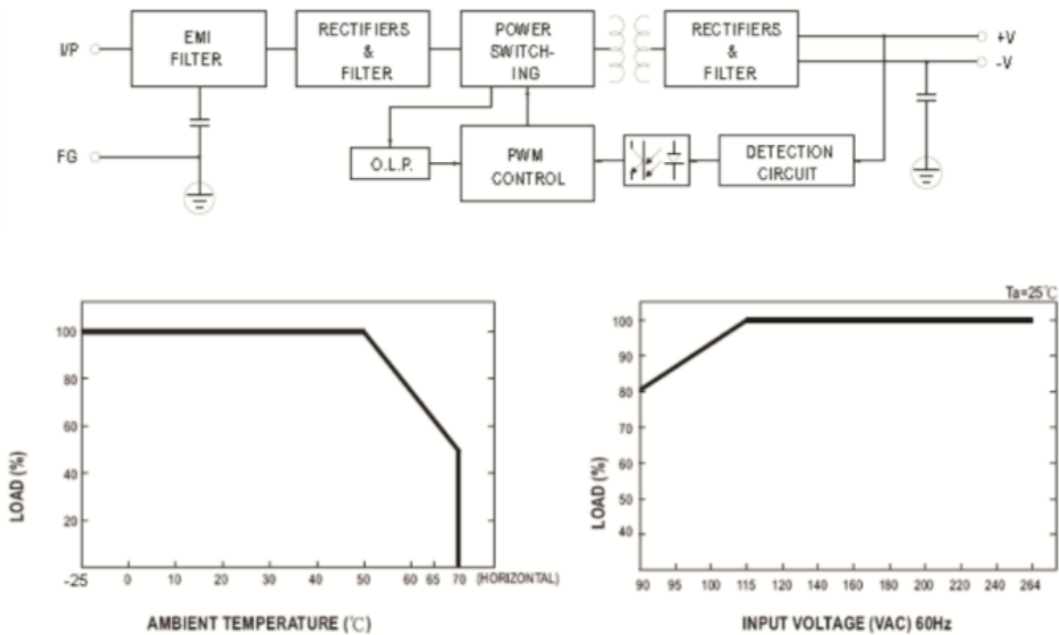


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Diagrams



Item	Connectors	Mating Housing	Contacts
AC IN(CON1)	LANDWIN3961P0300T (Central Pin removed)	LANDWIN 3960S or JST VHR or Molex 51144	LANDWIN 3963T011R or JST SVH-21T-P1.1 Or Molex 50539
DC OUT(CON2)	LANDWIN 3961P0400T		



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