

## Features:

- Universal / Full range AC input
- Highly reliable design
- 100% full load burn-in test
- 3 years warranty



Characteristics					
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	<120mV	<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
Output Voltage Accuracy	+/- 3%				
Line Regulation	+/- 0.5%				
Load Regulation	+/- 2%				
Set-up Time	< 1S (230Vac input, Full Load)				
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 to 70C 20 - 90%				
Storage Temp & Hum.	-40 to 85C 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				
Packing	60PCS/CTN 12KGS				
Cooling Method	Cooling by Free Air Convection				

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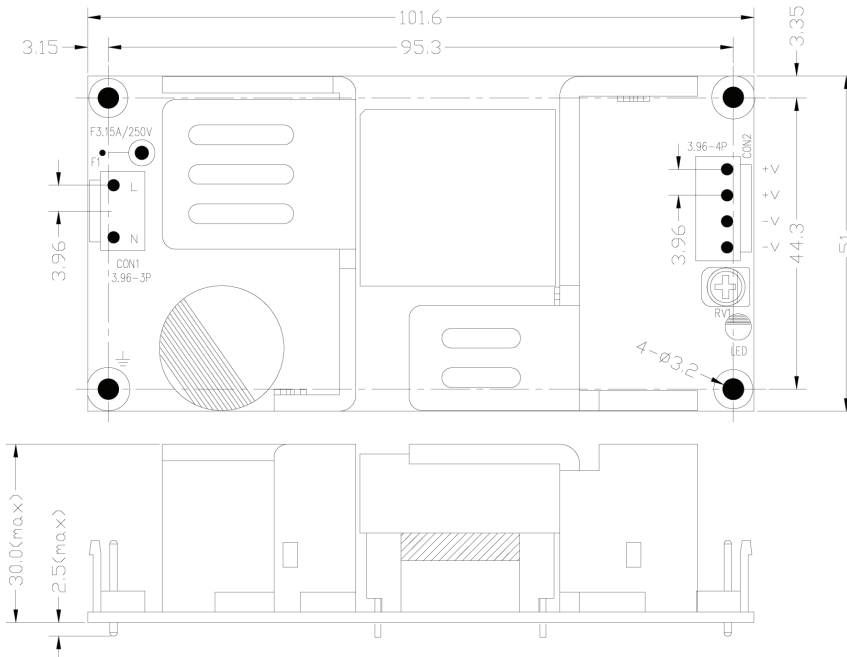
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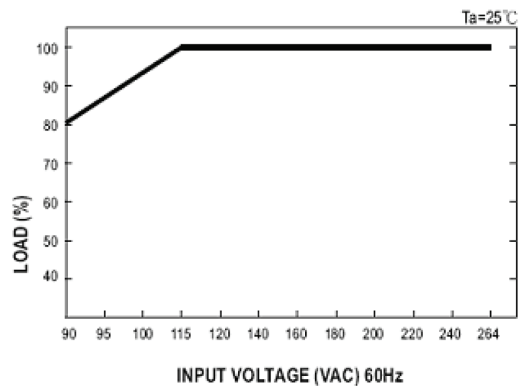
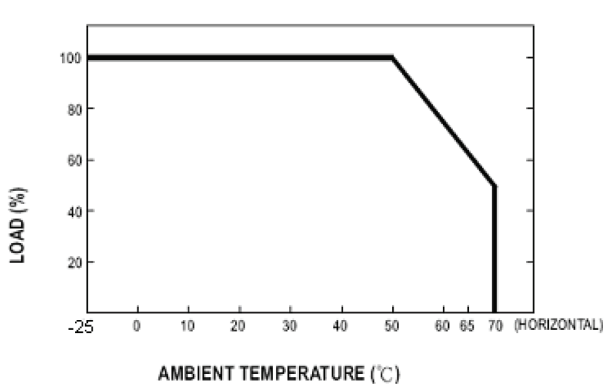
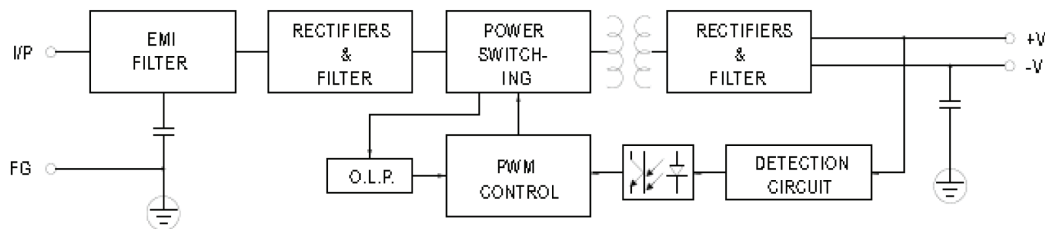
Please Note: Image shown is representative of entire range. Individual PSU image &/or drawings or data sheets available on request.

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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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