

Features:

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



Characteristics						
Part Number	PD-20-3.3	PD-20-5	PD-20-12	PD-20-15	PD-20-24	PD-20-48
DC Output	3.3V	5V	12V	15V	24V	48V
Output Current	4A	4A	1.67A	1.34A	0.84A	0.42A
Ripple & Noise	<50mV	<50mV	<50mV	<50mV	<50mV	<100mV
Output Voltage Adj. Range	3.1-3.6V	4.4-5.6V	11.1-13.1V	13.7-16.1V	22-25.4V	45.6-50.4V
Output Voltage Accuracy	+/-2%					
Line Regulation	+/-0.5%					
Load Regulation	+/-2%					
Set-up Time	<2.0S (115Vac input, Full load); <1.0S (230Vac input, Full load)					
Hold up Time	>10ms (115Vac input, Full load); >20mS (230Vac input, Full load)					
Temperature Coefficient	+/- 0.03%					
Overshoot and Undershoot	<5.0%					
Input Voltage Range	90Vac - 264Vac, 127Vdc -370Vdc					
Input Frequency Range	47Hz - 63Hz					
Input Efficiency	68%	75%	78%	79%	79%	79%
Input Current (Max)	<0.5A					
Inrush Current	Cold start 20A@115Vac 40A@230Vac					
Leakage Current	Input - output <0.35mA Input-PG; <0.75mA					
Over Load Protection	105% - 150% Rated Output Power; Hiccup Mode, Auto Recovery					
Over Voltage Protection	110% - 140% Rated Output Voltage, Constant Voltage					
Short Circuit Protection	Long Term Mode, Auto Recovery					
Operating Temp & Hum.	-20 to 60C 20% - 90%					
Storage Temp & Hum.	-40 to 85C 10 - 95%					
Safety Standards	UL60950-1; EN60950-1: 2006					
Withstand Voltage	Primary-Secondary:3.0KVa <10mA Secondary-PG: 0.5KVDC <10mA					
Isolation Resistance	>100M ohms					
EMI Conduction & Radiation	Compliance to EN55022 (CISPR22) Class B					
Harmonic Current	Compliance to EN61000-3-2, 17625.1-2003					
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, Light Industrial Level, Criteria A					
MTBF	>200000 Hours					
Dimensions	89mm x 51mm x 20mm					
Packing	60PCS/CTN 7.6Kgs					
Cooling Method	Cooling By Free Air Convection					

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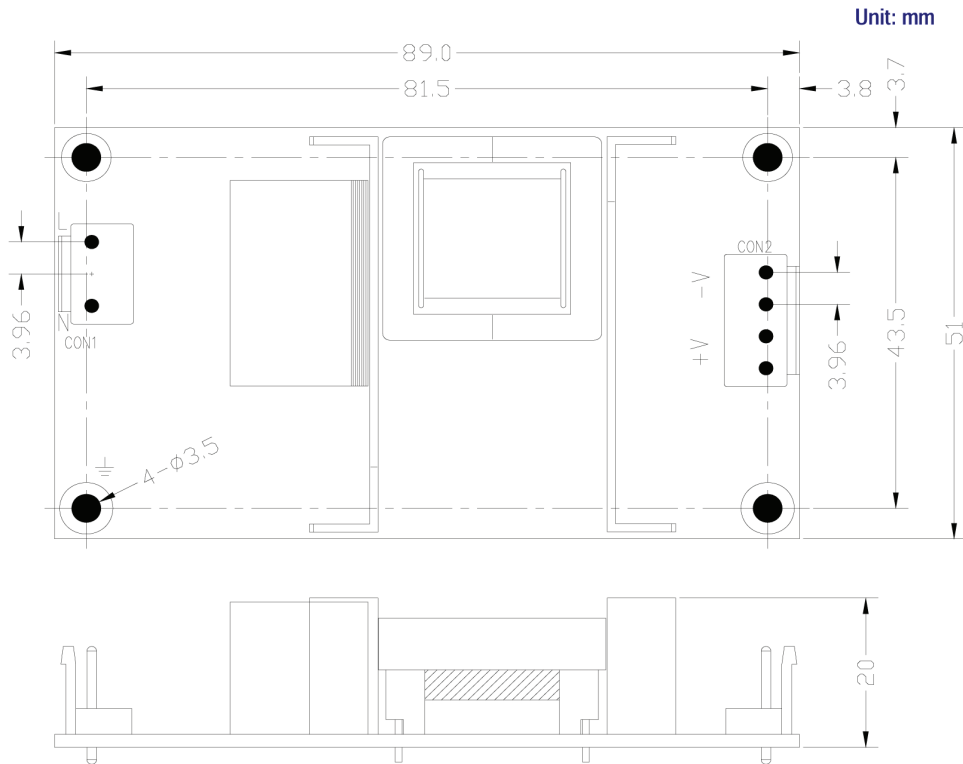
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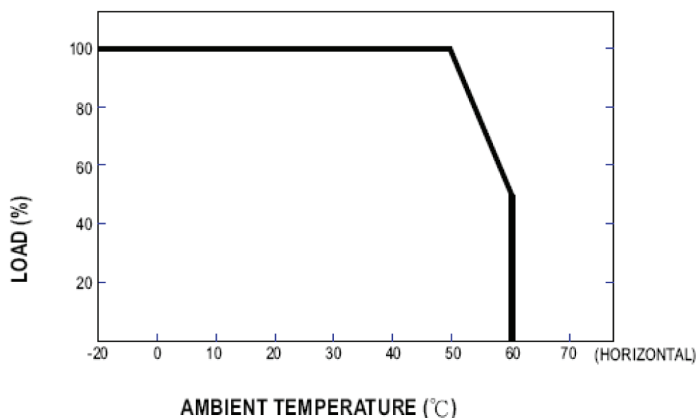
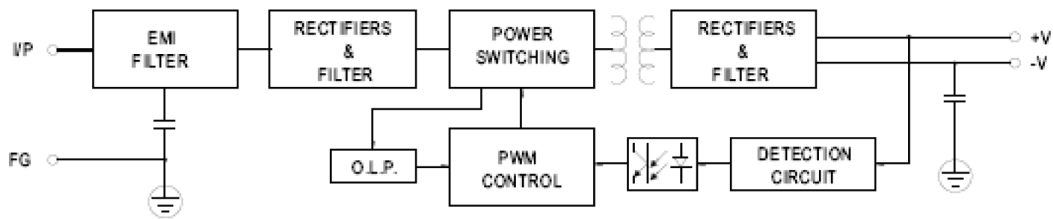
Please Note: Image shown is representative of entire range. Individual PSU image &/or drawings or data sheets available on request.

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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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