



Features:

- Universal / Full range AC input
- Built-in active PFC function
- 100% full load burn-in test
- 3 years warranty



Characteristics					
Part Number	PD-100-5	PD-100-12	PD-100-15	PD-100-24	PD-100-48
DC Output	5V	12V	15V	24V	48V
Rated Output Current	16A	8.5A	7A	4.5A	2.3A
Ripple & Noise	<100mV	<100mV	<100mV	<120mV	<200mV
Voltage ADJ. Range	4.3V-5.6V	10.6V-13.5V	12.7V-17V	22.1V-26.7V	33V-40V
Voltage Accuracy	+/-2%	+/-1%	+/-1%	+/-1%	+/-1%
Line Regulation	+/-0.5%				
Load Regulation	+/-1%				
Set-up Time	<2.0S (115Vac input, Full load) <1.0S (230Vac input (Full load)				
Hold up Time	>10mS (115 input, Full load) >20mS (230Vac input, Full load)				
Temperature Coefficient	+/-0.03°C				
Overshoot and Undershoot	<5%				
Input Voltage Range	90Vac - 264Vac		127Vdc-370Vdc		
Input Frequency Range	47Hz-63Hz				
Input Power Factor (Typical)	PF> 0.98/115VAC		PF>0.95/230VAC		
Efficiency (115Vac)	80%	80%	83%	85%	83%
Efficiency (230Vac)	80%	81%	84%	85%	84%
AC Current (max.)	<2.5A				
Inrush Current (max.)	20A@115Vac		40A@230Vac		Cold Start
Leakage Current	<0.4mA@115Vac		<0.75mA@230Vac		
Over Load Protection	105 - 150% of rated output current, hiccup mode, auto recovery				
Over Voltage Protection	110 - 150% of rated output voltage shutdown				
Short Circuit	Long term mode, auto recovery				
Operating Temp. & Humidity	-20 to 70°C 20 to 90%RH (No condensing)				
Storage Temp. & Humidity	-40 to 85°C 10 to 95%RH (No condensing)				
Safety Standards	UL60950-1, 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, 3				
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, Light Industry Level, Criteria A				
MTBF	>200,000 Hours				
Dimension	160mm x 98mm x 38mm				
Packing	20PCS/CTN 13.6Kgs				
Cooling Method	Cooling by free air convection				

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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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