



### Features:

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



Characteristics							
Part Number	PDF-320-3.3	PDF-320-5	PDF-320-7.5	PDF-320-12	PDF-320-24	PDF-320-36	PDF-320-48
DC Output	3.3V	5V	7.5V	12V	24V	36V	48V
Rated Output Current	60A	60A	40A	25A	13A	8.8A	6.7A
Ripple & Noise	<180mV	<180mV	<180mV	<180mV	<180mV	<200mV	<240mV
Voltage ADJ. Range	3.1-3.6V	4.4-5.3V	6.6-8.4V	10.5-13.3V	19.7-26.4V	33.2-38.4V	41.5-53.1V
Voltage Accuracy	+/-2%	+/-2%	+/-2%	+/-1%	+/-1%	+/-1%	+/-1%
Line Regulation	+/-0.5%	+/-0.5%	+/-0.5%	+/-0.3%	+/-0.2%	+/-0.2%	+/-0.2%
Load Regulation	+/-1%	+/-1%	+/-1%	+/-0.5%	+/-0.5%	+/-0.5%	+/-0.5%
Set-up Time	<1.2S (230Vac input Full load)						
Hold up Time	>16mS						
Temperature Coefficient	+/-0.03°C						
Overshoot and Under-shoot	<5%						
Input Voltage Range	88Vac - 264Vac		124Vdc-370Vdc				
Input Frequency Range	47Hz-63Hz						
Efficiency	79%	79%	83%	86%	87%	87%	88%
AC Current (max.)	4A						
Inrush Current (max.)	<50A@230Vac		<30A@115Vac		Cold Start		
Leakage Current	Input-output <0.1mA Input-PG: <0.75mA						
Over Load Protection	105 - 135% of rated output current, hiccup mode, auto recovery						
Short Circuit	Long term mode, auto recovery						
Operating Temp. & Humidity	-20 to 65°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 Class D						
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, Heavy Industry Level						
MTBF	>300,000 Hours						
Dimension	226.5mm x 115mm x 50mm						
Packing	10PCS/CTN 11.6Kgs						
Cooling Method	Cooling by forced air (built in fan)						

## Stontronics Ltd

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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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