



### Features:

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



Characteristics						
Part Number	PDF-150-5	PDF-150-12	PDF-150-15	PDF-150-24	PDF-150-36	PDF-150-48
DC Output	5V	12V	15V	24V	36V	48V
Rated Output Current	30A	12.5A	10A	6.3A	4.1A	3.2A
Ripple & Noise	<100mV	<100mV	<100mV	<150mV	<240mV	<240mV
Voltage ADJ. Range	4.3V-5.6V	10.6V-13.5V	12.7V-17V	22.1V-26.7V	33V-40V	44V-52V
Voltage Accuracy	+/-2%	+/-1%	+/-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	>20mS (115/230Vac input, Full load)					
Temperature Coefficient	+/-0.03°C					
Overshoot and Undershoot	<5%					
Input Voltage Range	90Vac - 264Vac		130Vdc-370Vdc			
Input Frequency Range	47Hz-63Hz					
Input Power Factor (Typical)	PF> 0.98/115VAC		PF>0.95/230VAC			
Efficiency (115Vac)	80%	83%	83%	84%	83%	84%
Efficiency (230Vac)	82%	86%	86%	86%	86%	87%
AC Current (max.)	2A					
Inrush Current (max.)	<30A@115Vac		<60A@230Vac		Cold Start	
Leakage Current	Input-output: <0.25mA		Input-PG: <3.5mA			
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	-10 to 60°C 20 to 90%RH (No condensing)					
Storage Temp. & Humidity	-20 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, 17625.1-2003					
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, Light Industry Level, Criteria A					
MTBF	>200,000 Hours					
Dimension	194mm x 99mm x 50mm					
Packing	10PCS/CTN 9Kgs					
Cooling Method	Cooling by free air convection					

## Stontronics Ltd

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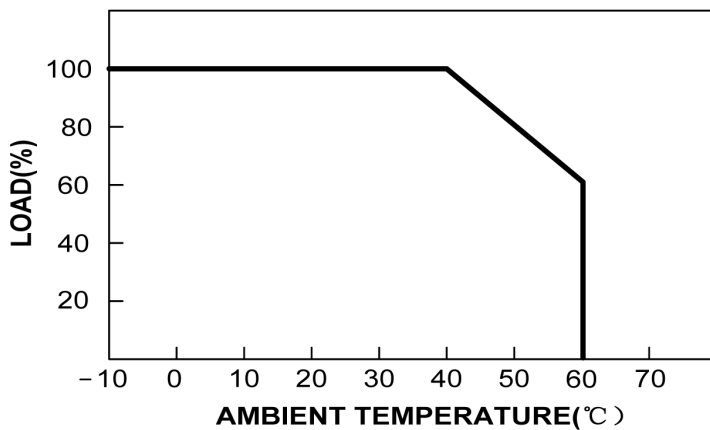
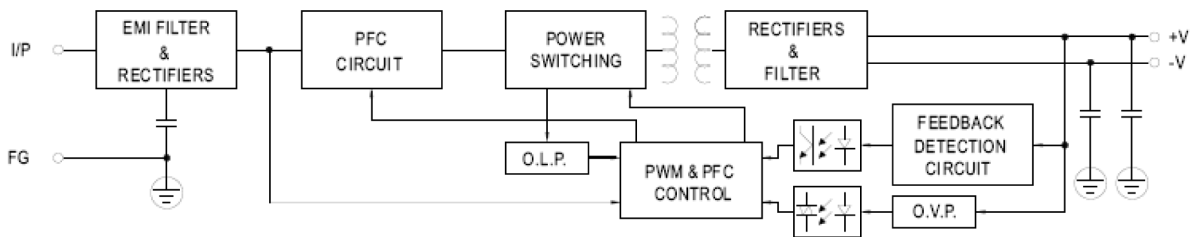
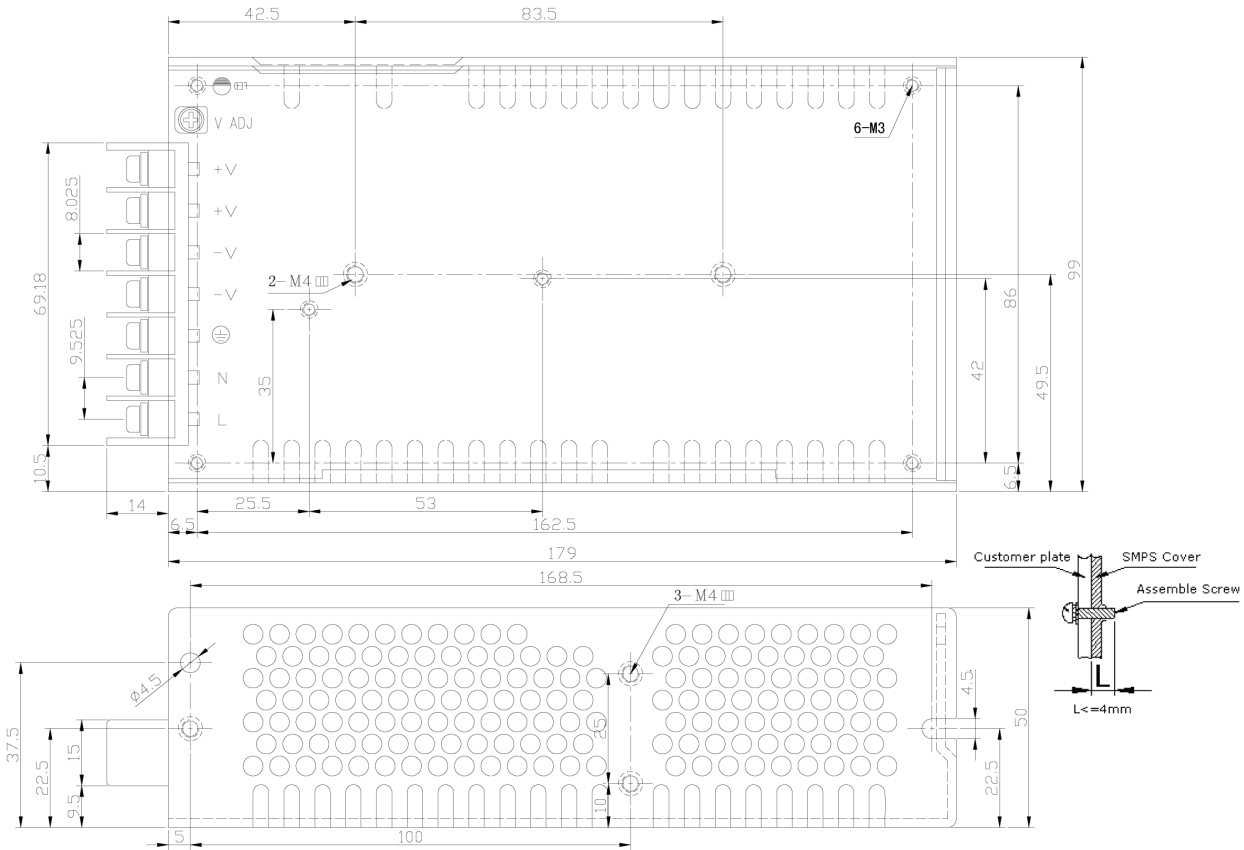
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Please Note: Image shown is representative of entire range. Individual PSU image &/or drawings or data sheets available on request.

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Unit: mm



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