

SPP-150P Series

150W, Single Output
Active P.F.C Fuction



222 x 62 x 41.6mm
8.74 x 2.44 x 1.64inch



Features:

- * Universal AC input with active power factor correction, P.F.>0.95
- * Over load, over voltage & short circuit protection
- * Built-in EMI filter, low ripple noise
- * Output voltage $\pm 10\%$ adjustment
- * 100% 50°C burn-in test
- * UL, cUL, TUV standard
- * 2 years warranty

Specification:

MODEL		SPP-150P-3.3	SPP-150P-05	SPP-150P-7.5	SPP-150P-12	SPP-150P-15	SPP-150P-24	SPP-150P-27	SPP-150P-48	
OUTPUT	Voltage	3.3V	5V	7.5V	12V	15V	24V	27V	48V	
	Min. Load	0A								
	Max. Load	30A	30A	20A	12.5A	10A	6.3A	5.6A	3.2A	
	Regulation	$\pm 3\%$	$\pm 2\%$	$\pm 1\%$						
	Ripple Noise(max)	50mV	70mV	90mV	100mV	100mV	100mV	100mV	100mV	150mV
	Efficiency (tpy)	69%	75%	77%	80%	80%	83%	84%	84%	
INPUT	Voltage	90V --- 264V Universal full range, single phase.								
	Frequency	47 ----- 63 Hz								
	Current	<2.2A@100V AC input, full load condition								
	Inrush Current	<25A@115V / <50A@230V AC input, full load condition. Cold start at 25°C ambient								
	Power Factor	Meet IEC 1000-3-2 class D, P.F.>0.95								
PROTECTION	OverLoadProdtection	Over 105% ~ 180% of rating, shutdown. Auto recovery when fault condition been removed.								
	OverVoltageProdtection	3.8V-4.6V	5.8V-7.0V	8.6V-10.5V	13.8V-17.5V	17.3V-21V	27.6V-33.6V	31.1V-37.8V	55.2V-67.2V	
	ShortCircuitProdtection	Shutdown. Auto recovery when fault condition been removed.								
OTHERS	Setup time	-----								
	Rise time	<30mS								
	Hold up time	>20mS@230V								
	Cooling	Natural cooling								
Environment	Temperature	Operating: 0~70°C; derating: 45°C ~70°C : 2.5%/°C. Storage: -40~+75°C								
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)								
M.T.B.F.	299K hours									
SAFETY	Meet UL 1950, CSA C22.2 No. 950, TUV EN 60950, IEC 950, EMKO-TSE (74-SEC)207/94									
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.								
	EMS	EN 50082-1 (1997)								



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Dimension:

CONNECTORS:
AC INPUT :
CN1 MOLEX 5277-05 OR EQUIVALENT.
DC OUTPUT :
CN2 MOLEX 5273-10 OR EQUIVALENT.

