

SP 150

Single

150W



Country of Origin : Taiwan
 Operating Temperature : -10 ~ 50° C
 Dimension : 199 x 99 x 50 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE, S-Mark



Features:

Universal AC input / full range with Power Factor Correction
 Remote ON/OFF control (option)
 Over load, over voltage, over temperature & short circuit protection
 Cooling by free air convection
 100% full load burn-in test
 1 year warranty

Specification:

MODEL	SP150-3.3	SP150-5	SP150-7.5	SP150-12	SP150-13.5	SP150-15	SP150-24	SP150-27	SP150-48	
OUTPUT	Voltage	3.3V	5V	7.5V	12V	13.5V	15V	24V	27V	48V
	min. Load	0A	0A	0A	0A	0A	0A	0A	0A	0A
	max. Load	30A	30A	20A	12.5A	11.2A	10A	6.3A	5.6A	3.2A
	Tolerance	±2%	±2%	±2%	±2%	±2%	±2%	±1%	±1%	±1%
	Ripple & Noise (max)	100mV	100mV	100mV	100mV	100mV	100mV	150mV	150mV	250mV
Efficiency (typ)	67%	75%	79%	80%	80%	81%	83%	84%	84%	
Max. Output Power	99W	150W	150W	150W	151W	150W	151W	151W	153W	
Output Voltage adjustment range	-5% ~ +10% of rated output voltage									
INPUT	Voltage	85 ~ 264VAC / 120 ~ 370VDC Universal full range								
	Frequency	47 ~ 63 Hz								
	Current	2.5A@115VAC / 1.2A@230VAC								
	Inrush Current	<40A@230VAC , Cold start								
	Leakage Current	<2mA@240VAC								
P.F.C.	>0.98@115VAC / >0.93@230VAC									
PROTECTION	Over Load	105% ~ 150% constant current limiting, auto recovery								
	Over Voltage	110% ~ 135% of rated output voltage, Shutdown / Reset : power on 3.63 ~ 6.75V 5.5 ~ 6.75V 8.25~ 10.13V 13.2 ~ 16.2V 14.85~ 18.2V 16.5 ~ 20.2V 26.4 ~ 32.4V 29.7~ 36.45V 52.8~ 64.8V								
	Over Temp.	95°C ±5°C , Shutdown, auto recovery after temperature has fallen								
	Short Circuit	Yes								
OTHERS	Setup time	600ms @ 230VAC full load								
	Rise time	30ms @ 230VAC full load								
	Holdup time	20ms @ 230VAC full load								
	Cooling	Free air convection								
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG:0.5KVAC / 1 minute								
Isolation Resist.	I/P-O/P, I/P-FG, O/P-FG : 500VDC / 100M Ohm									
Switching Frequency	134KHz (fixed)									
Environment	Temperature	Operating: -10 ~ 50°C / Derating: 45 ~ 50°C: 8%/°C / Storage: -20 ~ 85°C								
	Humidity	Operating: 20 ~ 90% RH / Storage: 10 ~ 95% RH								
Connection	7P/ 9.5mm pitch terminal block with cover									
M.T.F.B.	> 191K hours (according to MIL-HDBK-217F at 25°C environment)									
SAFETY	Approved: UL 1950 / TÜV EN60950 / J60950									
EMC	EMI	EN55022 CLASS B / EN61000-3-2,3								
	EMS	EN61000-4-2,3,4,5,6,8,11 / ENV50204								
WEIGHT	N.W.: 0.75 kg/pc									