

SPS-G150

Single

130W~158W

Country of Origin : Taiwan
 Operating Temperature : -20 ~ 70 °C
 Dimension : 198 x 95 x 38 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE



Features:

Green-mode designing. NO load <1W
 High efficiency and high reliability
 Built in EMI filter, low ripple noise
 Overload, over voltage, short circuit protection
 Output voltage $\pm 10\%$ adjustment
 100% full load burn-in test
 20°C~70°C Operating temperature
 UL, cUL, TUV, CB, CE standard
 1 year warranty

Specification:

MODEL		SPS G 150-05	SPS G 150-12	SPS G 150-15	SPS G 150-24	SPS G 150-30	SPS G 150-48
OUTPUT	Voltage	5V	12V	15V	24V	30V	48V
	min. Load	0A	0A	0A	0A	0A	0A
	max. Load	26A	12.5A	10A	6.5A	5.2A	3.3A
	Tolerance	$\pm 2\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
	Ripple & Noise (max)	80mV	120mV	120mV	120mV	200mV	200mV
	Efficiency (typ)	78%	83%	84%	86%	86%	87%
Max. Output Power		130W	150W	150W	156W	156W	158W
Output Voltage adjustment range		$\pm 10\%$ of rated output voltage					
INPUT	Voltage	88V ~ 132VAC or 176V ~ 264VAC selected by switch					
	Frequency	47 ~ 63 Hz					
	Current	<3A@115V , <2A@230V AC input, full load condition					
	Inrush Current	<35A@115VAC / <70A@230VAC input, Cold start at 25 °C ambient					
	Leakage Current	<1.5mA@264VAC input					
PROTECTION	Overload	Over 105%~ 150% of rating, the power supply will be constant current limiting, recovers automatically after fault condition has been removed.					
	Over Voltage	5.8~7.0V	13.8~16.8V	17.3~21.0V	27.6~33.6V	34.5~42.0V	55.2~67.2V
	Over Temp.	-					
	Short Circuit	Shutdown, recovers automatically after fault condition has been removed					
OTHERS	Setup time	< 1.2s@115VAC / < 0.8s@230VAC					
	Rise time	< 30ms					
	Holdup time	> 20ms@230VAC, full load condition					
	Cooling	Natural Cooling					
	Green Mode Function	Power consumption at No load < 1W at 240VAC input					
	Cooling	Natural Cooling.					
Environment	Temperature	Operating: -20 ~ +70°C ; De-rating: 45 ~ 70°C: 2.5%/°C ; Storage: -40 ~ +85°C					
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.	256K hours						
SAFETY	Approved:	UL 60950-1, CSA C22.2 No.60950-1, TUV EN 60950-1, IEC 60950-1, EMKO-TSE (74-SEC) 207/94 standard					
EMC	EMI	EN 55022 CLASS B, FCC CFR 47 PART 15 CLASS B, CNS 13438 CALSS B.					
	Harmonic current	EN61000-3-2,3 CLASS A					
	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,8,11					
WEIGHT	N.W.: 0.76Kg						