

SPS-G015

Single

10W~15W

Country of Origin : Taiwan
 Operating Temperature : -20 ~ 70 °C
 Dimension : 62 x 50.8 x 28 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE



Features:

Green-mode designing, NO load <0.3W
 Non minimum load requirement
 Overload, over voltage, short circuit protection
 19" Rack-Mount (Industrial computer system)
 Output voltage $\pm 10\%$ adjustment
 100% 50 °C burn-in tested
 1 year warranty

Specification:

MODEL		SPS G015-3.3	SPS G015-05	SPS G015-9*	SPS G015-12	SPS G015-15	SPS G015-24	SPS G015-48
OUTPUT	Voltage	3.3V	5V	9V	12V	15V	24V	48V
	min. Load	0A	0A	0A	0A	0A	0A	0A
	max. Load	3A	3A	1.6A	1.3A	1.0A	0.63A	0.32A
	Tolerance	$\pm 3\%$	$\pm 2\%$	$\pm 2\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
	Ripple & Noise (max)	70mV	70mV	120mV	120mV	120mV	200mV	200mV
	Efficiency (typ)	72%	77%	77%	81%	81%	82%	82%
Max. Output Power		10W	15W	15W	15.6W	15W	15.1W	15.4W
Output Voltage adjustment range		$\pm 10\%$ of rated output voltage						
INPUT	Voltage	85 ~ 264VAC / 120 ~ 375VDC Universal full range, single phase						
	Frequency	47 ~ 63 Hz						
	Current	0.5A max at 100VAC input, full load condition						
	Inrush Current	<30A@115VAC / <50A@230VAC input, Cold start at 25 °C ambient						
	Leakage Current	<0.5mA@264VAC input						
	P.F.C.	-						
	Over Voltage	3.8~4.45V	5.8~7.0V	13.8~17.5V	17.3~21.0V	27.6~33.6V	55.2~6485V	
	Short Circuit	Hiccup mode, recovers automatically after fault condition has been removed.						
	Rise time	< 50ms						
	Holdup time	> 20ms@230VAC						
	Cooling	Natural Cooling						
Green Mode Function	When NO load, the input dissipation is < 0.3W							
Switching Frequency		50KHz (fixed)						
Environment	Temperature	Operating: -20 ~ +70 °C ; De-rating: 50 ~ 70 °C; 2.5%/°C ; Storage: -40 ~ +85 °C						
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)						
M.T.B.F.		550K 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						
EMC	EMI	EN 55022 CLASS B : EN61000-3-2:2000, EN61000-3-3:2001, FCC CFR 47 PART 15 CLASS B, CNS 13438 CALSS B.						
	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,8,11						
WEIGHT		N.W.: 0.13 kg						