

# SPS-G075

# Single

# 60W~76W

Country of Origin : Taiwan  
 Operating Temperature : -20 ~ 70 °C  
 Dimension : 129 x 95 x 38 mm  
 Approvals / Marks : UL, c-UL, TÜV, CB, CE



### Features:

Green-mode designing. NO load <0.75W  
 Built in EMI filter, low ripple noise  
 Overload, over voltage, short circuit protection  
 Non minimum load requirement  
 Output voltage  $\pm 10\%$  adjustment  
 100% 50 °C burn-in tested  
 1 year warranty

### Specification:

MODEL		SPS G 075-05	SPS G 075-12	SPS G 075-15	SPS G 075-24	SPS G 075-30	SPS G 075-48
OUTPUT	Voltage	5V	12V	15V	24V	30V	48V
	min. Load	0A	0A	0A	0A	0A	0A
	max. Load	12A	6A	5A	3.2A	2.5A	1.6A
	Tolerance	$\pm 2\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
	Ripple & Noise (max)	70mV	120mV	150mV	150mV	200mV	200mV
	Efficiency (typ)	77%	82%	83%	84%	86%	86%
Max. Output Power		60W	72W	75W	76.8W	75W	76.8W
Output Voltage adjustment range		$\pm 10\%$ of rated output voltage					
INPUT	Voltage	88 ~ 264VAC / 125 ~ 375VDC Universal full range, single phase					
	Frequency	47 ~ 63 Hz					
	Current	1.8A max at 100VAC input, full load condition					
	Inrush Current	<30A@115VAC / <50A@230VAC input, Cold start at 25 °C ambient					
	Leakage Current	<1.5mA@264VAC input					
PROTECTION	Overload	> 105% ~ 150% of rating, recovers automatically after fault has been removed					
	Over Voltage	5.8-7.0V	13.8-16.8V	17.3-21.0V	27.6-33.6V	34.5-42V	55.2-67.2V
	Over Temp.	-					
	Short Circuit	Shutdown, recovers automatically after fault condition has been removed					
OTHERS	Setup time	< 1.2s@115VAC / < 0.6s@230VAC					
	Rise time	< 30ms					
	Holdup time	> 60ms@230VAC					
	Cooling	Natural Cooling					
	Green Mode Function	When NO load, the input dissipation is < 0.75W					
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.		326K 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 CLASS B.					
	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,8,11					
WEIGHT		N.W.: ----					