

Country of Origin : Taiwan
 Operating Temperature : -20 ~ 70 °C
 Dimension : 79 x 50.8 x 28.5 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE



Features:

Green-mode designing. NO load <0.3W

Universal AC input

Non minimum load requirement

Overload, over voltage, short circuit protection

Built in EMI filter, low ripple noise

100% 50 °C burn-in tested

1 year warranty

Specification:

MODEL	SPS G 025-3.3	SPS G 025-05	SPS G 025-7.5	SPS G 025-9*	SPS G 025-12	SPS G 025-15	SPS G 025-24	SPS G 025-30	SPS G 025-48	
OUTPUT	Voltage	3.3V	5V	7.5V	9V	12V	15V	24V	30V	48V
	min. Load	0A	0A	0A	0A	0A	0A	0A	0A	0A
	max. Load	6A	5A	3.4A	2.77A	2.1A	1.7A	1.1A	0.9A	0.57A
	Tolerance	±3%	±2%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
	Ripple & Noise (max)	50mV	70mV	70mV	120mV	120mV	150mV	200mV	200mV	200mV
	Efficiency (typ)	72%	77%	78%	78%	81%	82%	84%	85%	85%
Max. Output Power		20W	25W	25W	25W	25W	25W	27W	27W	27W
Output Voltage adjustment range		±10% of rated output voltage								
INPUT	Voltage	88 ~ 264VAC / 125 ~ 375VDC Universal full range, single phase								
	Frequency	47 ~ 63 Hz								
	Current	0.65A max at 100VAC input, full load condition								
	Inrush Current	<30A@115VAC / <50A@230VAC input, full load condition. Cold start at 25 °C ambient								
	Leakage Current	<1.5mA@264VAC input								
PROTECTION	Overload	> 105% ~ 180% of rating, recovers automatically after fault has been removed								
	Over Voltage	3.8-4.6V	5.8-7.0V	8.6-10.5V	13.8-17.5V	17.3-21.0V	27.6-33.6V	34.5-42V	55.2-67.2V	
	Over Temp.	-								
	Withstand Voltage	I/P-O/P: 3KVAC, I/P-PE: 1.5KVAC, O/P-PE: 0.5KVAC, 1minute								
	Isolation resistance	I/P-O/P, I/P-PE, O/P-PE >100MΩ/500VDC at 25 °C/70% RH								
Short Circuit		Shutdown, recovers automatically after fault condition has been removed								
OTHERS	Setup time	< 1.5s@115VAC / < 0.6s@230VAC								
	Rise time	< 30ms@230VAC								
	Holdup time	> 50ms@230VAC								
	Cooling	Natural Cooling								
	Green Mode Function	When NO load, the input dissipation is < 0.3W								
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.		450K 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 , 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.: 0.19 kg								