

Country of Origin :	Taiwan
Operating Temperature :	-25 ~ 70° C
Dimension :	99 x 82 x 35 mm
Approvals / Marks :	UL, c-UL, TÜV, CB, CE (48V model only CE)



Features:

Light Weight, Compact Size
Universal input 85~264VAC or 120~375VDC
Non minimum load requirement
Green-mode designing, meets IEA standard <0.75W (standby state)
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-S060-05	SPS-S060-7.5	SPS-S060-12	SPS-S060-15	SPS-S060-24	SPS-S060-48
OUTPUT	Voltage	5V	7.5V	12V	15V	24V	48V
	min. Load	0A	0A	0A	0A	0A	0A
	max. Load	10A	6.7A	5A	4A	2.5A	1.25A
	Tolerance	±2%	±2%	±1%	±1%	±1%	±1%
	Ripple & Noise (max)	50mV	75mV	120mV	150mV	240mV	480mV
	Efficiency (typ)	74%	75%	77%	78%	80%	80%
Max. Output Power		50W	50W	60W	60W	60W	60W
Output Voltage adjustment range		±10% of rated output voltage					
INPUT	Voltage	85 ~ 264VAC / 120 ~ 375V DC Universal full range, single phase					
	Frequency	47 ~ 63 Hz					
	Current	< 1.8A @100VAC input, full load condition					
	Inrush Current	<60A@230VAC / < 30A@115VAC input, full load condition. Cold start at 25°C ambient					
	Leakage Current	< 1.5mA@264VAC input					
PROTECTION	Overload	> 105% ~ 180% of rating, Shutdown, recovers automatically after fault has been removed					
	Over Voltage	5.8 ~ 7.0V	8.6 ~ 10.5V	13.8 ~ 17.5V	17.3 ~ 21.0V	27.6 ~ 33.6V	55.2 ~ 67.2V
	Over Temp.	-					
	Short Circuit	Shutdown, recovers automatically after fault has been removed					
OTHERS	Setup time	< 300ms @ 230VAC / < 800ms @ 115VAC , typical					
	Rise time	< 20ms @ 230VAC					
	Holdup time	> 60ms @ 230VAC / >16.7ms @ 115VAC					
	Cooling	Free air convection					
	Green Mode Function	Input dissipation < 0.75W @ 0A load					
Switching Frequency		50KHz (fixed)					
Environment	Temperature	Operating: -25 ~ 70°C / Derating: -25 ~ -10°C: 3.0%/°C , 45 ~ 70°C: 3.0%/°C / Storage: -25 ~ 75°C					
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)					
M.T.B.F.		> 435K hours (according to MIL-HDBK-217F at 25°C environment)					
SAFETY	SPS-S060- 05~24V	Approved: UL 60950-1 st / CSA C22.2 No.60950-1 st / TÜV EN60950-1 st : 2001+ A11 IEC 60950-1 st / EMKO-TSE (74-SEC)207/94					
	SPS-S060- 48V	Standard: UL 60950-1 st / CSA C22.2 No.60950-1 st / TÜV EN60950-1 st / IEC 60950-1 st / EMKO-TSE (74-SEC)207/94					
EMC	EMI	FCC CFR 47 Part 15 Class B / EN 50081-1 (1992) / EN 55022 A2: 2003 Class B / CNS 13438 Class B					
	EMS	EN 50082-1 (1997) / EN61000-4-2,3,4,5,6,8,11					
WEIGHT		N.W.: 0.35 kg					