

Country of Origin :	Taiwan
Operating Temperature :	0 ~ 70° C
Dimension :	198 x 95 x 38 mm
Approvals / Marks :	UL, c-UL, TÜV, CB, CE



### Features:

Universal AC input
Built in EMI filter, low ripple noise
Over load, over voltage, short circuit protection
Over temperature protection (Optional)
Remote Control ON/OFF (Optional)
No minimum load requirement
100% 50°C burn-in test
1 year warranty

### Specification:

MODEL	SPS-100-3.3	SPS-100-05	SPS-100-12	SPS-100-15	SPS-100-24	SPS-100-24Q	SPS-100-48	
OUTPUT	Voltage	3.3V	5V	12V	15V	24V	48V	
	min. Load	0A	0A	0A	0A	0A	0A	
	max. Load	23A	20A	9.8A	7.84A	4.9A	2.1A	
	Tolerance	±3%	±2%	±1%	±1%	±1%	±1%	
	Ripple & Noise (max)	50mV	50mV	120mV	150mV	240mV	300mV	
	Efficiency (typ)	66%	74%	78%	78%	80%	82%	
Max. Output Power	75W	100W	117W	117W	117W	100W	100W	
Output Voltage adjustment range	±10% of rated output voltage							
INPUT	Voltage	88 ~ 264VAC / 120 ~ 375VDC Universal full range, single phase						
	Frequency	47 ~ 63 Hz						
	Current	3A max at 100VAC input, full load condition						
	Inrush Current	< 35A@115VAC / < 70A@230VAC input, full load condition. Cold start at 25°C ambient						
	Leakage Current	< 1.5mA@264VAC input						
	P.F.C.	-						
PROTECTION	Over Load	> 105% ~ 180% of rating, Shutdown, auto recovery after fault has been removed						
	Over Voltage	3.8 ~ 4.6V	5.8 ~ 7.0V	13.8 ~ 17.5V	17.3 ~ 21V	27.6 ~ 33.6V	32.2 ~ 39.2V	55.2 ~ 67.2V
	Over Temp.	Optional						
	Short Circuit	Shutdown, auto recovery after fault has been removed						
OTHERS	Setup time	< 300ms@230VAC / < 800ms@115VAC						
	Rise time	< 20ms@230VAC						
	Holdup time	> 80mS@230VAC / > 16.7mS@115VAC						
	Remote Control	Optional						
	Cooling	Natural Cooling						
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG:0.5KVAC / 1 minute						
Switching Frequency	50KHz (fixed)							
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 50°C ~ 70°C : 2.5%/°C / Storage: -10 ~ 75°C						
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)						
M.T.B.F.	> 277K hours ( according to MIL-HDBK-217F at 25°C environment)							
SAFETY	Approved: UL 1950 / CSA C22.2 No.950-95 / TÜV EN 60950 / IEC 60950 / EMKO-TSE (74-SEC)207/94							
EMC	EMI	FCC CFR 47 PART 15 CLASS B / EN 50081-1 / CNS 13438 CLASS B						
	EMS	EN 50082-1 (1997) / EN61000-4-2,3,4,5,6,8,11						
WEIGHT	N.W.: 0.7 kg/pc							