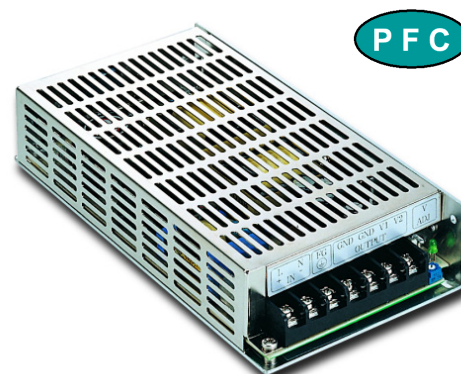


Country of Origin :	Taiwan
Operating Temperature :	0 ~ 70° C
Dimension :	198 x 95 x 38 mm
Approvals / Marks :	UL, c-UL, TÜV, CB, CE

**Features:**

Universal AC input with active Power Factor Correction  
 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-100P-3.3	SPS-100P-05	SPS-100P-12	SPS-100P-15	SPS-100P-24	SPS-100P-240	SPS-100P-24Q	SPS-100P-48
OUTPUT	Voltage	3.3V	5V	12V	15V	24V	27V	28V	48V
	min. Load	0A	0A	0A	0A	0A	0A	0A	0A
	max. Load	23A	20A	9.8A	7.84A	4.9A	3.7A	3.6A	2.1A
	Tolerance	±3%	±2%	±1%	±1%	±1%	±1%	±1%	±1%
	Ripple & Noise (max)	50mV	50mV	120mV	150mV	240mV	270mV	280mV	300mV
	Efficiency (typ)	66%	74%	78%	78%	80%	80%	80%	82%
Max. Output Power		75W	100W	117W	117W	117W	100W	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.	> 0.95@230VAC / meets IEC 1000-3-2 class A standard							
PROTECTION	Over Load	> 105% ~ 180% of rating, Shutdown, recovers automatically 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	31 ~ 37.8V	32.2~39.2V	55.2~67.2V
	Over Temp.	Optional							
	Short Circuit	Shutdown, recovers automatically 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.		> 270K hours ( according to MIL-HDBK-217F at 25°C environment)							
SAFETY		Approved: UL 1950 / CSA C22.2 No.950-95 / TÜV EN60950 / 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							