

SPS 600P

Single

600W

PFC

Country of Origin : Taiwan
 Operating Temperature : 0 ~ 70° C
 Dimension : 275 x 125 x 63 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE

**Features:**

Universal AC input with active Power Factor Correction
 Inrush current limitation, soft start function
 Overload, over voltage & over temperature protection / Short circuit shutdown & auto recovery
 Current Sharing function up to 1.5KW
 Power Good Signal / Remote Control ON/OFF / Output Voltage Remote Sense
 100% 50°C burn-in tested
 1 year warranty

Specification:

MODEL		SPS600P-05	SPS600P-12	SPS600P-15	SPS600P-24	SPS600P-30	SPS600P-48
OUTPUT	Voltage	5V	12V	15V	24V	30V	48V
	min. Load	0A	0A	0A	0A	0A	0A
	max. Load	100A	50A	40A	25A	20A	12.5A
	Tolerance	±2%	±1%	±1%	±1%	±1%	±1%
	Ripple & Noise (max)	70mV	100mV	120mV	150mV	150mV	200mV
	Efficiency (typ)	75%	80%	80%	82%	82%	84%
Max. Output Power		500W	600W	600W	600W	600W	600W
Output Voltage adjustment range		±10% of rated output voltage					
INPUT	Voltage	90 ~ 264VAC Universal full range, single phase					
	Frequency	47 ~ 63 Hz					
	Current	8A max at 100VAC input, full load condition					
	Inrush Current	<25A@115VAC / <50A@230VAC input, full load condition. Cold start at 25°C ambient					
	Leakage Current	<1mA@240VAC input					
	P.F.C.	> 0.95@230VAC / meets IEC 1000-3-2 class D					
PROTECTION	Overload	Over 105% ~ 150% of rating, shut down, auto recovery after fault has been removed					
	Over Voltage	5.8 ~ 7.5V	13.8 ~ 17.5V	17.3 ~ 21V	27.6 ~ 33.6V	34.5 ~ 42V	55.2 ~ 67.2V
	Over Temperature	>95°C Shutdown					
	Short Circuit	Shutdown, auto recovery after fault has been removed					
OTHERS	Rise time	<50ms					
	Holdup time	>20ms@230VAC					
	Remote Control	RC+ / RC- : 0~0.7V = Power ON / 3~5V = Power OFF / Sink Current : 3~10mA					
	Remote Sensing	Yes; (RS+, RS-)					
	Power Good	Power On within 100~500ms, high level TTL signal					
	Cooling	A 16CFM (min.) DC ball bearing fan					
	Parallel / Series	2 units : min. load 20% of rated power (240W) / max. load 83% of rated power (1000W) 3 units : can reach 1.5kW, Built in current sharing circuit					
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 50 ~ 70°C : 3%/°C / Storage: -10 ~ 75°C					
	Humidity	Operating: 20% ~ 85% RH (non condensing) / Storage: 10% ~ 95% RH (non condensing)					
M.T.B.F.	> 125K hours (according to MIL-HDBK-217F at 25°C environment)						
SAFETY	Approved :	UL 60950 3 rd edition: 2000 / CSA C22.2 No.60950 3 rd edition: 2000					
		TÜV EN60950: 2000 / IEC 60950: 1999 / EMKO-TSE (74-SEC)207/94					
EMC	EMI	FCC CFR 47 PART 15 Class B / EN 50081-1: 1999 / EN55022 A2: 2003 13438 CLASS B					
	EMS	EN61000-3-2,3: 2000 Class D / CNS13438 Class B					
WEIGHT		N.W.: 2.7 kg					