

SPS-600P Series

600W, Single Output

Active P.F.C Function



275 x 125 x 63mm
10.83 x 4.92 x 2.48inch

Features:

- * Universal AC input with active power factor correction, P.F.>0.95
- * Inrush current limitation soft start function
- * Over load, over voltage & over temperature protection
- * Short circuit shutdown & auto recovery
- * Output voltage $\pm 10\%$ adjustment
- * Current Sharing function, up to 1800W
- * Power Good Signal
- * Output voltage remote sense
- * Remote Control ON/OFF
- * 100% 50°C burn-in test
- * UL, cUL, TUV, ,CB, CE standard
- * 2 years warranty

Specification:

MODEL		SPS-600P-05	SPS-600P-12	SPS-600P-15	SPS-600P-24	SPS-600P-30	SPS-600P-48
OUTPUT	Voltage	5V	12V	15V	24V	30V	48V
	Min. Load	0A					
	Max. Load	100A	50A	40A	25A	20A	12.5A
	Regulation	$\pm 2\%$		$\pm 1\%$			
	Ripple Noise(max)	70mV	100mV	120mV	150mV	150mV	200mV
	Efficiency (tpy)	75%	80%	80%	83%	84%	84%
MAX OUTPUT WATTAGE		500W		600W			
INPUT	Voltage	90V --- 264V Universal full range, single phase.					
	Frequency	47 ----- 63 Hz					
	Current	8.0A max at 100V AC input, full load condition					
	Inrush Current	<25A@115V / <50A@230V AC input, full load condition. Cold start at 25°C ambient					
	Leakage Current	<1.0mA@240V AC input					
	Power Factor	Meet IEC 1000-3-2 class D, P.F.>0.95					
PROTECTION	OverLoadProdtecton	Over 105% ~ 150% of rating, recovers automatically after fault condition removed.					
	OverVoltageProdtecton	5.8V~7.0V	13.8V~17.5V	17.3V~21V	27.6V~33.6V	34.5V~42V	55.2V~67.2V
	OverTemProdtecton	Shutdown when the temperature of power supply reach 95°C					
	ShortCircuitProdtecton	Shutdown, recovers automatically after fault condition removed.					
OTHERS	Setup time	-----					
	Rise time	<50mS					
	Hold up time	>20mS@230V					
	Parallel/Series	Built in current sharing circuit, reach 3kW.					
	Remote Control	✓					
	Remote Sensing	✓					
Environment	Cooling	A 16CFM (min.) DC ball bearing Fan					
	Temperature	Operating: 0~70°C; derating: 50°C ~70°C : 2.5%/°C. Storage: -10~+75°C					
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.		250K hours					
SAFETY		Meet UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94					
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.					
	EMS	EN 50082-1 (1997)					
PACKING		N.W.: --Kg / 1pc; --pcs / -- Cu ft ³ / 1 CTN					

