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SPS-170P Series

170W, Single Output
With P.F.C. Function



198 x 99 x 50 mm
7.8 x 3.9 x 1.97 inch

Features:

- * AC input 88V ~ 132V or 175V ~264V selected by switch
- * Built-in EMI filter, low ripple noise
- * Over load, over voltage, short circuit protection
- * Output voltage $\pm 10\%$ adjustment
- * 100% 50°C burn-in test
- * Meet UL, cUL, TUV ,CB, CE standard
- * 1 years warranty

Specification:

MODEL		SPS-170P3.3	SPS-170P05	SPS-170P7.5	SPS-170P12	SPS-170P15	SPS-170P24	SPS-170P28	SPS-170P48
OUTPUT	Voltage	3.3V	5V	7.5V	12V	15V	24V	28V	48V
	Min. Load	0A							
	Max. Load	30A	30A	21A	14.2A	11.4A	7.1A	6.1A	3.6A
	Regulation	±3%	±2%	±1%					
	Ripple Noise(max)	50mV	70mV	100mV	100mV	120mV	240mV	240mV	240mV
	Efficiency (tpy)	69%	75%	77%	80%	80%	83%	84%	84%
MAX OUTPUT WATTAGE		99W	150W	158W	170W				
INPUT	Voltage	AC 88V ~ 132V or 175V ~264V selected by SW							
	Frequency	47 ----- 63 Hz							
	Current	<3.5A @ 115V / <2.0A @ 230V AC input, full load condition							
	Inrush Current	<35A@115V / <70A@230V AC input, full load condition. Cold start at 25℃ ambient							
	Leakage Current	<1.5mA@264V AC input							
	Power Factor	Meet IEC 1000-3-2 class A standard							
PROTECTION	Over Load Protection	Over 105% ~ 180% of rating, recovers automatically after fault condition has been removed.							
	Over Voltage Protection	3.8V~4.6V	5.8V~7.0V	8.6V~10.5V	13.8V~17.5V	17.3V~21V	27.6V~33.6V	32.2V~39.2V	55.2V~67.2V
	Over Temperature Protection	----							
	Short Circuit Protection	Shutdown, recovers automatically after fault condition has been removed.							
OTHERS	Setup time	----							
	Rise time	<50mS							
	Hold up time	>20mS@230V							
	Parallel/Series	----							
	Remote Control	----							
	Remote Sensing	----							
	Cooling	Natural cooling							
Environment	Temperature	Operating: 0~70℃; derating: 45℃ ~70℃ : 2.5%/℃. Storage: -10~+75℃							
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)							
M.T.B.F.		220K hours							
SAFETY		UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 standard.							
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.							
	EMS	EN 50082-1 (1997)							



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