

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



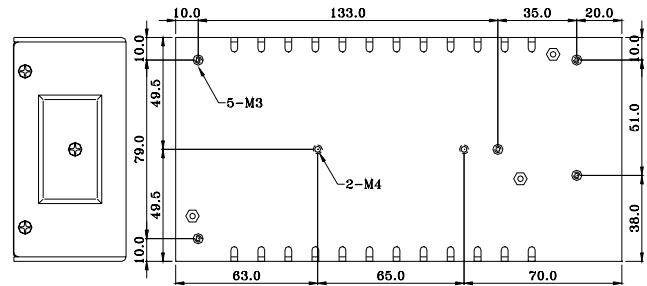
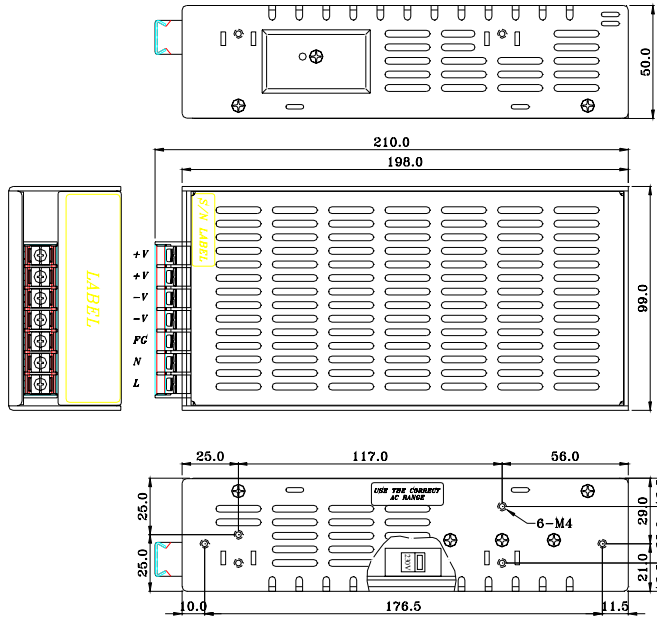
Features:

- * Universal AC input 88V ~ 132V or 175V ~264V selected by SW
- * 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
- * UL, cUL, TUV, ,CB, CE standard
- * 2 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	$\pm 3\%$	$\pm 2\%$	$\pm 1\%$					
	Ripple Noise(max)	50mV	70mV	100mV	100mV	120mV	240mV	240mV	240mV
	Efficiency (typ)	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	<2.3A @ 115V / <1.2A @ 230V AC input, full load condition							
	Inrush Current	<35A@115V / <70A@230V AC input, full load condition. Cold start at 25°C ambient							
	Leakage Current	<1.5mA@264V AC input							
	Power Factor	Meet IEC 1000-3-2 class A standard							
PROTECTION	OverLoadProdtection	Over 105% ~ 180% of rating, recovers automatically after fault condition has been removed.							
	OverVoltageProdtection	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-3.92V	55.2V-67.2V
	OverTemProdtection	----							
	ShortCircuitProdtection	Shutdown, recovers automatically after fault condition has been removed.							
OTHERS	Setup time	----							
	Rise time	<20mS							
	Hold up time	>20mS@230V							
	Parallel/Series	----							
	Remote Control	----							
	Remote Sensing	----							
Environment	Cooling	Natural cooling							
	Temperature	Operating: 0~70°C; derating: 45°C ~70°C : 2.5%/°C. Storage: -10~+75°C							
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)							
M.T.B.F.	220K 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)							

Dimension:



BOTTOM VIEW

NOTES:

1. MATERIAL : COVER 1.0mm NATURAL ALUMINIUM.
CHASSIS 2.0mm NATURAL ALUMINIUM.
2. TERMINAL BLOCK : 7P, PITCH 9.5 mm WITH PC COVER.
3. UNIT : mm.