

SPS-220P Series

220W, Single Output
Active P.F.C Function



198 x 99 x 45 mm
7.80 x 3.90 x 1.78 inch

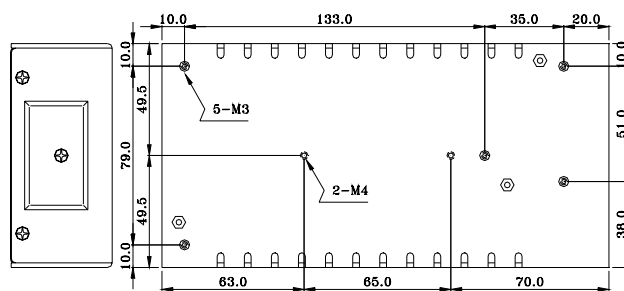
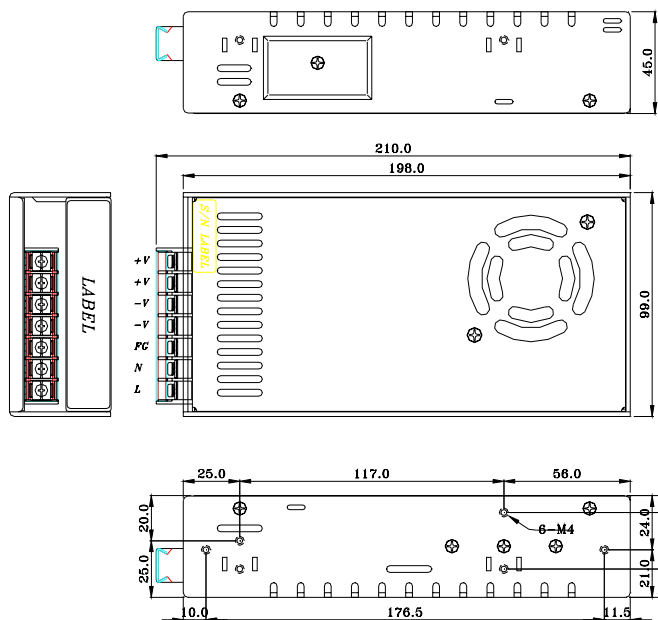


Features:

- * Universal AC input with active power factor correction, P.F.>0.95
- * Built in EMI filter, low ripple noise
- * Over load, over voltage, short circuit protection
- * Over temperature protection
- * Output voltage $\pm 10\%$ adjustment
- * Remote Control ON/OFF (Optional)
- * Non min load requirement
- * 100% 50°C burn-in test
- * UL, cUL, TUV, ,CB, CE standard
- * 2 years warranty

Specification:

MODEL		SPS-220P-3.3	SPS-220P-05	SPS-220P-7.5	SPS-220P-12	SPS-220P-15	SPS-220P-24	SPS-220P-27	SPS-220P-48
OUTPUT	Voltage	3.3V	5V	7.5V	12V	15V	24V	27V	48V
	Min. Load	0A							
	Max. Load	40A	40A	30.7A	19.2A	15.4A	9.6A	8.6A	4.8A
	Regulation	$\pm 3\%$	$\pm 2\%$		$\pm 1\%$				
	Ripple Noise(max)	50mV	70mV	80mV	100mV	120mV	150mV	180mV	250mV
	Efficiency (typ)	69%	75%	77%	80%	80%	83%	84%	84%
MAX OUTPUT WATTAGE		132W	200W	220W					
INPUT	Voltage	85V --- 264VAC Universal full range, single phase, or 120V --- 375VDC							
	Frequency	47 ----- 63 Hz							
	Current	3.2A max at 100V AC input, full load condition							
	Inrush Current	<40A@115V / <80A@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 D, P.F.>0.95							
PROTECTION	OverLoadProtection	Over 105% ~ 150% of rating, recovers automatically after fault condition removed.							
	OverVoltageProtection	3.8V-4.6V	5.8V-7.0V	8.6V-10.5V	13.8V-17.5V	17.3V-21V	27.6V-33.6V	31.1V-37.8V	55.2V-67.2V
	OverTempProtection	Optional							
	ShortCircuitProtection	Shutdown, recovers automatically after fault condition has been removed.							
OTHERS	Rise time	<20mS							
	Hold up time	>20mS@230V							
	Remote Control	Optional							
	Cooling	A 14CFM (min.) DC ball bearing Fan							
Environment	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		UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 Certified							
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.							
	EMS	EN 50082-1 (1997)							
PACKING		N.W.: 0.75Kg / 1pc; 18pcs / 1.22 Cu ft ³ / 1 CTN							



BOTTOM VIEW

NOTES:

1. MODEL : S P S - 220 P - xx

--- OUTPUT VOLTAGE.
 --- WITH P.F.C
 --- OUTPUT WATTAGE
 S=ENCLOSED,U=U BRACKET,L=L BRACKET
 INPUT : D=DC,P=AC

2. MATERIAL : NATURAL ALUMINIUM.

3. TERMINAL BLOCK : 7P, PITCH 9.5 mm WITH PC COVER.

4. UNIT : mm.