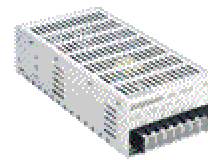


# SPS-151P Series

150W, Single Output

Active P.F.C Function



198 x 99 x 38 mm  
7.8 x 3.9 x 1.5 inch



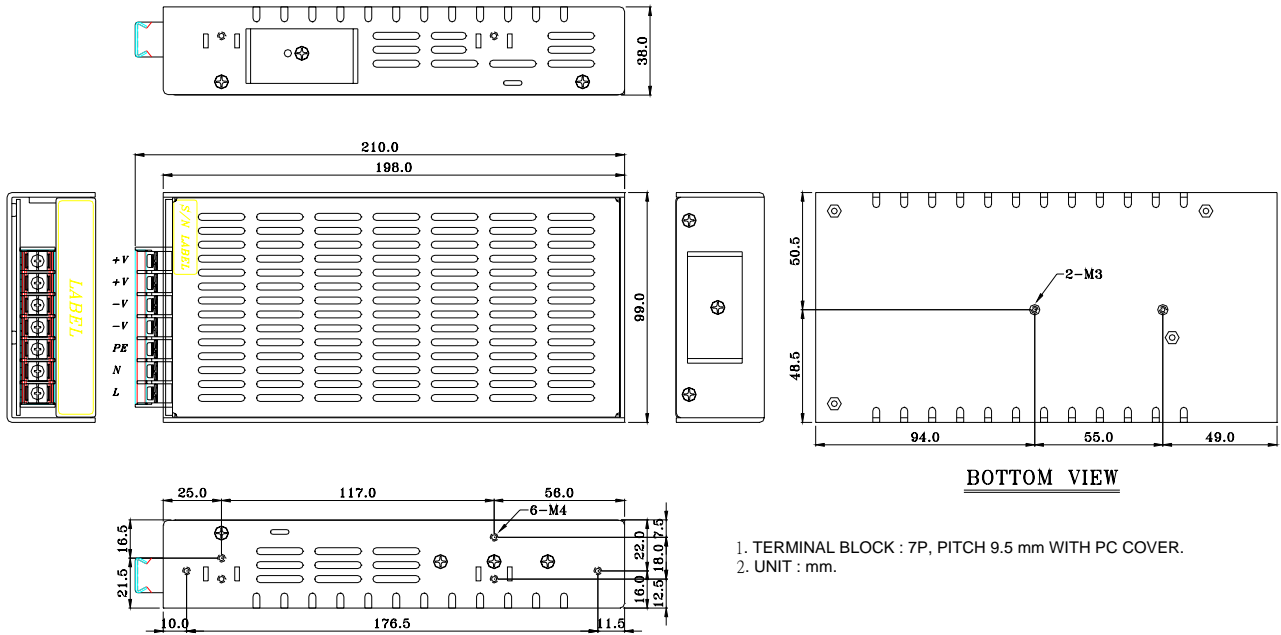
## Features:

- \* 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 (optional)
- \* 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 approved
- \* 2 years warranty

## Specification:

MODEL	SPS-151P-3.3	SPS-151P-05	SPS-151P-7.5	SPS-151P-12	SPS-151P-15	SPS-151P-24	SPS-151P-27	SPS-151P-48	
OUTPUT	Voltage	3.3V	5V	7.5V	12V	15V	24 V	27 V	48V
	Min. Load	0A							
	Max. Load	30A	30A	20A	12.5A	10A	6.3A	5.6A	3.2A
	Regulation	$\pm 3\%$	$\pm 2\%$		$\pm 1\%$				
	Ripple Noise(max)	50mV	70mV	80mV	100mV	120mV	150mV	180mV	250mV
	Efficiency (tpy)	69%	75%	77%	80%		83%	84%	
MAX OUTPUT WATTAGE		100W	150W						
INPUT	Voltage	AC 85V --- 264V or DC 120V --- 375V Universal full range, single phase.							
	Frequency	47 ----- 63 Hz							
	Current	2.2A max at 100V 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 D, P.F.>0.95							
PROTECTION	OverLoadProtection	Over 105% ~ 150% of rating, recovers automatically after fault condition has been removed.							
	OverVoltageProtection	3.8V-4.6V	5.8V-7V	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	Setup time	<2S@115V							
	Rise time	<20mS							
	Hold up time	>20mS@230V							
	Remote Control	Optional							
	Cooling	Natural cooling							
Environment	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.	200K hours								
SAFETY	UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 Approved.								
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.							
	EMS	EN 50082-1 (1997)							
PACKING	N.W.: 0.9Kg / 1pc; 18pcs / 1.38 Cu ft <sup>3</sup> / 1 CTN								

**Dimension:**



**BOTTOM VIEW**

1. TERMINAL BLOCK : 7P, PITCH 9.5 mm WITH PC COVER.
2. UNIT : mm.