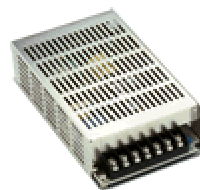


# SPS-060/SPS-070 Series

# SPS-060P/SPS-070P Series

60~72W, Single Output



159 x 95 x 38 mm  
6.26 x 3.74 x 1.50 inch



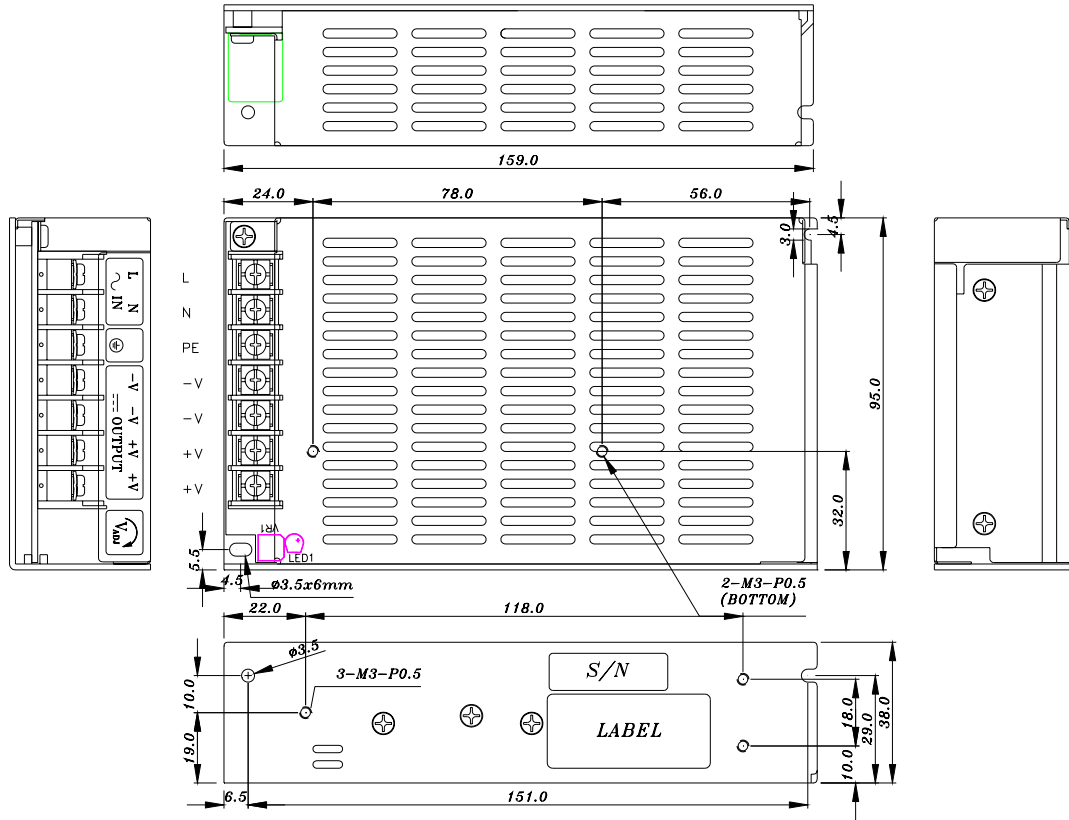
## Features:

- \* Universal input 85~264 VAC or 120~375VDC
- \* Power factor correction (optional)
- \* Built in EMI filter, low ripple noise
- \* Over load, over voltage, short circuit protection
- \* Output voltage  $\pm 10\%$  adjustment
- \* Non min load requirement
- \* 100% 50°C burn-in test
- \* UL, cUL, TUV ,CB, CE standard
- \* 2 years warranty

## Specification:

MODEL		SPS-060-3.3	SPS-060-05	SPS-070-12	SPS-070-15	SPS-070-15M	SPS-070-24	SPS-070-24Q	SPS-070-48
		SPS-060-P3.3	SPS-060-P05	SPS-070-P12	SPS-070-P15		SPS-070-P24	SPS-070-P24	SPS-070-P48
OUTPUT	Voltage	3.3V	5V	12V	15V	18V	24V	28V	48V
	Min. Load	0A							
	Max. Load	15A	12A	6.0A	4.8A	4.0A	3.0A	2.6A	1.5A
	Regulation	$\pm 3\%$	$\pm 2\%$	$\pm 1\%$					
	Ripple Noise(max)	50mV	50mV	120mV	150mV	180mV	240mV	280mV	300mV
	Efficiency (typ)	67%	73%	75%	76%	77%	78%	79%	80%
INPUT	Voltage	Universal input 85~264 VAC or 120~375VDC							
	Frequency	47 ----- 63 Hz							
	Current	1.8A max at 100V AC input, full load condition							
	Inrush Current	<30A@115V / <60A@230V AC input, full load condition. Cold start at 25°C ambient							
	Leakage Current	<1.5mA@264V AC input							
	P.F.C.	Option, meet IEC 1000-3-2 class A standard.							
PROTECTION	OverLoadProtection	Over 105% ~ 180% of rating, recovers automatically after fault condition has been removed.							
	OverVoltageProtection	3.8V-4.6V	5.8V-7.0V	13.8-17.5V	17.3V-21V	20.7V-25.2V	27.6V-33.6V	32.2V-39.2V	55.2V-67.2V
	ShortCircuitProtection	Shutdown, recovers automatically after fault condition has been removed.							
OTHERS	Setup time	<3Sec @ 115V, <1Sec @ 230V							
	Rise time	<20mS							
	Hold up time	>16.7mS@115V; >80mS@230V							
	Cooling	Natural Cooling							
Environment	Temperature	Operating: 0~70°C; derating: 42°C ~70°C : 2.0%/°C. Storage: -10~+75°C							
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)							
M.T.B.F.	SPS-060 / SPS-070 Series: 300K hours; SPS-060P / SPS-070P Series: 355K hours								
SAFETY	UL 1950, CSA C22.2 No.950-95, 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.: 0.6Kg / 1pc; 30pcs / 1.18 Cu ft <sup>3</sup> / 1 CTN								

**Dimension:**



MATERIAL : COVER 0.6mm SPCC.  
 CHASSIS 1.6mm NATURAL ALUMINIUM.  
 TERMINAL BLOCK : 7P, PITCH 9.5 mm. (STANDARD)