

SPX-6160A1 / SPX-6160P1

Auto Sensing / Active P.F.C Function

160W, Six Output

For Industrial 1U System



100 x 180 x 40.5mm
3.94 x 7.08 x 1.60inch

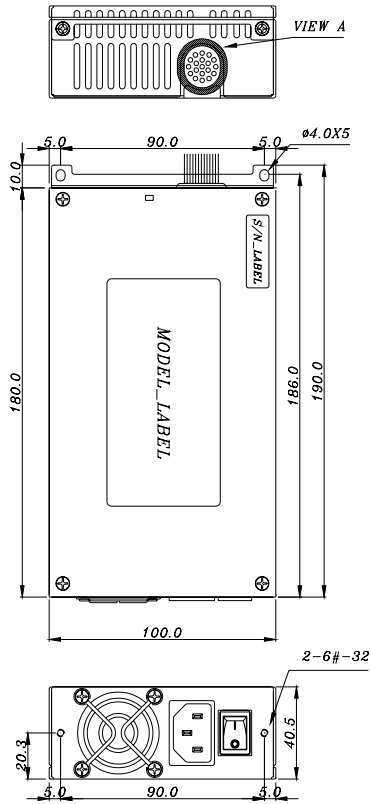


Features:

- * AC input 115V / 230V Auto sensing: SPX-6160A1
- * Universal full range AC input with active PFC, P.F.> 0.95: SPX-6160P1
- * +3.3V, +5V main output remote sensing
- * Remote control power ON/OFF
- * Over load, over voltage & short circuit protection
- * Built in EMI filter, low ripple noise
- * Built-in long life ball bearing fan
- * 100% 50°C burn-in test
- * Meet Intel ATX 2.01 / ATX2.03 / ATX 12V / EPS
- * UL, cUL, TUV, ,CB, CE certified
- * 1 years warranty

Specification:

		V1	V2	V3	V4	V5	V6	
OUTPUT	Voltage	+3.3V	+5V	+12V	-5V	-12V	+5Vsb	
	Min. Load	0 A	1 A	0A				
	Max. Load	10A	20A	10A	0.5A	1A	2A	
	Regulation	SPX-6160A1	±5%	+5/-4%	±5%		+8/-10%	±5%
		SPX-6160P1	±5%		+7/-5%	±5%	+8/-5%	±5%
	Ripple Noise(max)	50mV		120mV	50mV	120mV	50mV	
	Efficiency (typ)	65%						
Max Power	+3.3V & +5V max 100W; total output max 160W,							
INPUT	Voltage	AC 115V / 230V auto sensing or universal full range						
	Frequency	47 ----- 63 Hz						
	Current	SPX-6160A1	<5.0A @ 115V AC input, <3.0A @ 230V AC input, full load condition					
		SPX-6160P1	<3.0A @ 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						
Power Factor	Meet IEC 1000-3-2 class D, P.F.>0.95 (SPX-6160P1)							
PROTECTION	OverLoadProdtection	Over 105% ~ 150% of rating, shutdown						
	OverVoltageProdtection	+3.3V: +3.8V~+4.6V, +5V: +5.8V~+7.0V, +12V: +13.8V~+17.5V						
	ShortCircuitProdtection	Shutdown						
OTHERS	Setup time	-----						
	Rise time	SPX-6160A1: <20mS; SPX-6160P1: <60mS						
	Hold up time	>20mS@230V						
	TTL Signal	Power Good Signal, PS-ON Signal						
	Cooling	A 10CFM (min.) DC ball bearing Fan						
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.	SPX-6160A1: 166K hours; SPX-6160P1: 143K 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)						



VIEW A

