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SPX-6300A2 / SPX-6300P2

Auto Sensing / Active P.F.C Function

300W, Six Output

For Industrial 2U System



100 x 200 x 67mm
3.94 x 7.87 x 2.64inch



Features:

- * AC input 115V / 230V Auto sensing: SPX-6300A2
- * Universal full range AC input with active PFC, P.F.> 0.95: SPX-6300P2
- * 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:

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OUTPUT	Voltage		+3.3V	+5V	+12V	-5V	-12V	+5Vsb
	Min. Load		0A	1A	0.5A	0A		
	Max. Load	SPX-6300A2	30A	30A	16A	0.5A	1A	2A
		SPX-6300P2	28A	30A	16A	0.5A	1A	2A
	Regulation	SPX-6300A2	±5%	+5/-4%	±5%		+8/-10%	±5%
		SPX-6300P2	±5%	+5/-4%	±5%		+8/-5%	±5%
	Ripple Noise(max)		50mV			120mV	50mV	120mV
Efficiency (typ)		70%						
Max Power		+3.3V & +5V max 150W, total output max 300W,						
INPUT	Voltage		AC 115V / 230V auto sensing or universal full range					
	Frequency		47 ----- 63 Hz					
	Current	SPX-6300A2	<6.0A @ 115V AC input, <3.5A @ 230V AC input, full load condition					
		SPX-6300P2	<4.5A @ 100V AC input, full load condition					
	Inrush Current	SPX-6300A2	<40A@115V / <80A@230V AC input, full load condition. Cold start at 25℃ ambient					
		SPX-6300P2	<30A@115V / <60A@230V AC input, full load condition. Cold start at 25℃ ambient					
Leakage Current		<1.5mA@264V AC input						
Power Factor		Meet IEC 1000-3-2 class D, P.F.>0.95 (SPX-6300P2)						
PROTECTION	Over Load Protection		Over 105% ~ 150% of rating, shutdown					
	Over Voltage Protection		+3.3V: +3.8V~+4.6V, +5V: +5.8V~+7.0V, +12V: +13.8V~+17.5V					
	Short Circuit Protection		Shutdown					
OTHERS	Setup time		-----					
	Rise time		SPX-6300A2: <20mS; SPX-6300P2: <60mS					
	Hold up time		>20mS@230V					
	TTL Signal		Power Good Signal, PS-ON Signal					
	Cooling		Two 16 CFM (min.) DC ball bearing Fan					
Environment	Temperature		Operating: 0~70℃; derating: 45℃ ~70℃ : 2.5%/℃. Storage: -10~+75℃					
	Humidity		Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.			SPX-6300A2: 166K hours; SPX-6300P2: 91K hours					
SAFETY			UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE					
EMC	EMI		FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.					
	EMS		EN 50082-1 (1997)					



SPX-6300A2 / SPX-6300P2

