



SUNPOWER TECHNOLOGY CORP.
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SDX-6400 Series

400W, Six Output

For Industrial 2U System



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



Features:

- DC input 48V
- Input and output isolation
- Soft start function, low inrush current
- Input under and over voltage protection
- Over load, over voltage & short circuit protection
- Built-in long life ball bearing fan
- 100% 50 burn-in test
- Meet Intel ATX 2.01 / ATX2.03 / ATX 12V / EPS
- UL, cUL, TUV, ,CB, CE certified

Specification:

INPUT	Voltage	36V ~ 72V DC Typical 48V					
	Current	<17A @ 36V DC input, full load condition					
OUTPUT	Voltage	V1	V2	V3	V4	V5	V6
		+3.3V	+5V	+12V	-5V	-12V	+5Vsb
	Min. Load	0A	2A	1A		0A	
	Max. Load	28A	40A	18A	0.5A	1A	2A
	Regulation	±5%				+8/-5%	±5%
	Ripple Noise (max)	50mV		120mV	50mV	200mV	50mV
	Efficiency (typ)	66%					
Max Power	+3.3V & +5V: <200W, -5V & -12V: <12W. Total output: 36V~42V: 350W; 43V~72V: 400W						
PROTECTION	Over Voltage Protection	+3.8V ~ +4.6V	+5.8V ~ +7.0V	+13.8V ~ +17.5V	---	---	---
	Input Protection	Ceramic fuse 20A/125V					
	Over Load Protection	Over 105% ~ 150% of rating, shutdown. Auto recovery when fault condition been removed.					
	Short Circuit Protection	Shutdown. Auto recovery when fault condition been removed.					
OTHERS	Rise time	<20mS					
	Power Good Signal	Power on within 100 ~ 500ms, high level TTL signal release.					
	PS-ON Signal	PS-ON high: power Off, PS-ON low: power On					
	Cooling	Two 15CFM (min.) DC ball bearing Fan					
Environment	Temperature	Operating: 0~70 ; de-rating: 45 ~70 : 2.5%/ . Storage: -10~+75					
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.	138K hours						
SAFETY	UL 1950, CSA C22.2 No. 950, 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)					



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Dimension:

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