



**SUNPOWER TECHNOLOGY CORP.**  
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# SDX-6250-48

**250W, Six Output**  
 For Industrial 1U System



100 x 205 x 40.5mm  
 3.94 x 8.07 x 1.60inch



## 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

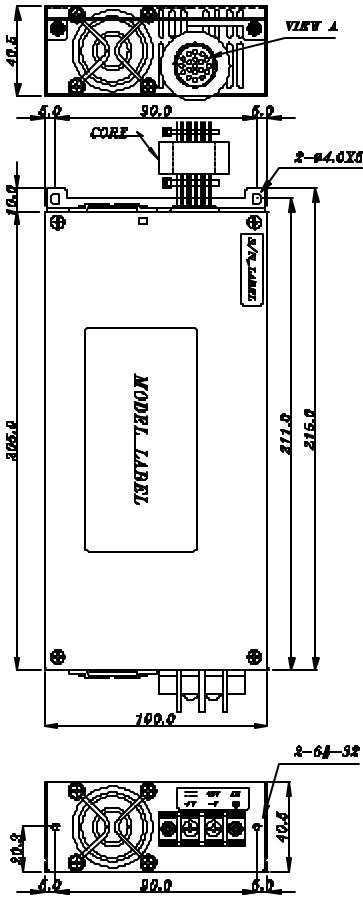
## Specification:

		V1	V2	V3	V4	V5	V6
OUTPUT	Voltage	+3.3V	+5V	+12V	-5V	-12V	+5Vsb
	Min. Load	0.1A	2A	0.2A		0A	
	Max. Load	20A	28A	16A	0.5A	1A	2A
	Regulation	±5%				+8/-5%	±5%
	Ripple Noise (max)	50mV		120mV	50mV	200mV	50mV
	Efficiency (typ)	70%					
	Max Power	+3.3V & +5V max 140W; total: 250W					
INPUT	Voltage	40V ~ 65V DC Typical 48V					
	Current	<9A @ 40V DC input, full load condition					
PROTECTION	Input Protection	✓					
	Over Load Protection	Over 105% ~ 150% of rating, shutdown. Auto recovery when fault condition been removed.					
	Over Voltage Protection	+3.3V: +3.8V~+4.6V +5V: +5.8V~+7.0V, +12V: +13.8V~+17.5V. Shutdown. Auto recovery when fault condition been removed.					
	Short Circuit Protection	Shutdown. Auto recovery when fault condition been removed.					
OTHERS	Setup time	----					
	Rise time	<20mS					
	Hold up time	-- -					
	TTL Signal	Power Good Signal, PS-ON Signal					
	Cooling	Two 10CFM (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.	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:



VIEW A

