

SDX 250

ATX / PS2

250W

Country of Origin : Taiwan
 Operating Temperature : 0 ~ 70° C
 Dimension : 140 x 150 x 86 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE



Features:

24V / 48V / 96V Input

- Input & output isolation
- Soft start function, low inrush current
- Input over voltage and under voltage protection / Input polarity reverse protection
- Over load, over voltage & short circuit protection
- Power good signal
- +3.3V & +5V output remote sensing
- meets Intel ATX 2.01 / ATX 2.03
- Built-in long life ball bearing fan
- 100% 50°C burn-in test.
- 1 year warranty

Specification:

MODEL		SDX-250					
		V1	V2	V3	V4	V5	V6
OUTPUT	Voltage	+3.3V	+5V	+12V	-5V	-12V	+5V _{SB}
	min. Load	0.5 A	3 A	1 A	0 A	0 A	0 A
	max. Load	25 A	30 A	12 A	0.5 A	1 A	1 A
	Tolerance	±5%	+5 / -4%	±5%	±5%	+10 / -8%	±5%
	Ripple & Noise (max)	50mV	50mV	120mV	120mV	70mV	50mV
	Efficiency min. (typ.I)	SDX-250-24: 66% at 24VDC full load condition SDX-250-48: 68% at 48VDC full load condition SDX-250-96: 74% at 96VDC full load condition					
Max. Output Power	+3.3V & +5V :	150W			250W		
	Total :	250W					
INPUT	Voltage	SDX-250-24: 19 ~ 32V		SDX-250-48: 36 ~ 72V		SDX-250-96: 72 ~ 144V	
	Current	SDX-250-24: <20.1A@19V		SDX-250-48: <11A@36V		SDX-250-96: <5A@96V	
PROTECTION	Input	Input over voltage and under voltage protection / Input polarity reverse protection					
	Output	Over load, over voltage & short circuit protection					
OTHERS	Rise time	< 20ms					
	TTL Signal	Power Good Signal					
	Cooling	Built-in long life ball bearing fan					
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 45 ~ 70°C : 2%/°C / Storage: -10 ~ 75°C					
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)					
M.T.B.F.		SDX-250-24: >188K hours		SDX-250-48: >110K hours		SDX-250-96: >150K hours	
SAFETY		Approved: SDX-250-48 / meet standard : SDX-250-24, SDX-250-96					
		UL 60950 / CSA C22.2 No.60950 / TÜV EN60950 / IEC 60950 / EMKO-TSE (74-SEC)207/94					
EMC	EMI	FCC CFR 47 PART 15 CLASS B / EN 50081-1 / CNS 13438 CLASS B					
	EMS	EN 50082-1					
WEIGHT		N.W.: 1.7 kg/pc					