

SDX 425

ATX / PS2

425W

Country of Origin : Taiwan
Operating Temperature : 0 ~ 70° C
Dimension : 140 x 150 x 86 mm



Features:

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 standard
Built-in long life ball bearing fan
100% 50°C burn-in test.
1 year warranty

Specification:

MODEL		SDX-425					
OUTPUT	Voltage	V1	V2	V3	V4	V5	V6
	min. Load	+3.3V	+5V	+12V	-5V	-12V	+5V _{SB}
	max. Load	0.5 A	3 A	1 A	0 A	0 A	0 A
	Tolerance	28 A	45 A	20 A	8 A	2.5 A	1.5 A
	Ripple & Noise (max)	±5%	+5 / -4%	±6%	±5%	+10 / -8%	±5%
	Efficiency min. (typ.)	50mV	50mV	120mV	70mV	150mV	50mV
		SDX-425-48: 68% at 48VDC , full load condition SDX-425-96: 70% at 96VDC , full load condition					
Max. Output Power	+3.3V & +5V :	225W					
	Total :	SDX-425-48: 36 ~ 39V: 360W / SDX-425-48: 40 ~ 72V: 425W / SDX-425-96: 425W					
INPUT	Voltage	SDX-425-48: 36 ~ 72V			SDX-425-96: 72 ~ 144V		
	Current	SDX-425-48: <17.5A@36V			SDX-425-96: <8.5A@72V		
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-425-48: >178K hours			SDX-425-96: >110K hours		
SAFETY		meets: UL 60950 / CSA C22.2 No.60950 / TÜV EN60950 / IEC 60950 / EMKO-TSE (74-SEC)207/94					
EMC	EMI	meets: FCC CFR 47 PART 15 CLASS B / EN 50081-1 / CNS 13438 CLASS B					
	EMS	meets: EN 50082-1					
WEIGHT		N.W.: 1.7 kg/pc					