

SDX 6300

ATX / 2U

300W

Country of Origin : Taiwan
Operating Temperature : 0 ~ 70° C
Dimension : 200 x 100 x 67 mm
Approvals / Marks : UL, c-UL, TÜV, CB, CE



Features:

24V / 48V Input

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°C burn-in test
meets Intel ATX 2.01 / ATX2.03 / ATX 12V / EPS
1 year warranty

Specification:

MODEL		SDX-6300						
		V1	V2	V3	V4	V5	V6	
OUTPUT	Voltage	+3.3V	+5V	+12V	-5V	-12V	+5V _{SB}	
	min. Load	0.1A	0.5A	0.2A	0A	0A	0A	
	max. Load	SDX-6300-24	20A	30A	16A	0.5A	1A	19V~23V: 1A 24V~32V: 1.5A
		SDX-6300-48	20A	30A	16A	0.5A	1A	2A
	Tolerance	±5%	±5%	±5%	±5%	+8 / -5%	±5%	
	Ripple & Noise (max)	50mV		120mV	50mV	200mV	50mV	
Efficiency (typ)	67%							
Max. Output Power	150W				12W			
	SDX-6300-24: 19 ~ 23V: 250W / 24 ~ 32V: 300W							
	SDX-6300-48: 300W							
INPUT	Voltage	SDX-6300-24 : 19 ~ 32VDC Typical 24V SDX-6300-48 : 36 ~ 72VDC Typical 48V						
	Current	SDX-6300-24 : <24A @ 19VDC input, full load condition SDX-6300-48 : <12.6A @ 36VDC input, full load condition						
PROTECTION	Input Over Voltage	Ceramic fuse : SDX-6300-24 : 25A/125V / SDX-6300-48 : 15A/125V						
	Input Under Voltage	Yes						
	Over Load	Over 105% ~ 150% of rating, Shutdown , auto recovery when fault has been removed						
	Over Voltage	+3.3V: 3.8 ~ 4.6V / +5V: 5.8 ~ 7V / +12V: 13.8 ~ 17.5V Shutdown, auto recovery						
	Short Circuit	Shutdown, auto recovery when fault has been removed						
OTHERS	Rise time	<20ms						
	TTL Signal	Power Good Signal, PS-ON Signal						
	Cooling	Two 15CFM (min.) DC ball bearing Fan						
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 45 ~ 70°C : 2.5%/°C / Storage: -10 ~ 75°C						
	Humidity	Operating: 20% ~ 85% / Storage: 10% ~ 95% (non condensing)						
M.T.B.F.	> 138K hours (according to MIL-HDBK-217F at 25°C environment)							
SAFETY	Approved: UL 1950 / CSA C22.2 No. 950 / TÜV EN60950 / IEC 60950 / EMKO-TSE (74-SEC)207/94							
EMC	EMI	FCC CFR 47 PART 15 CLASS B / EN 50081-1 / EN 55022 / CNS 13438 CLASS B						
	EMS	EN 50082-1 (1997) / EN61000-4-2,3,4,5,6,8,11						
WEIGHT	N.W.: 1.3 kg/pc							