


ATX-PS2
DHG2-5500V
Dimension :
140(D)*150(W)*86(H)/mm
FEATURES

- *LVDC Application
- *Smart Fan Speed Control
- *Standard Dimension -ATX/PS2
- *Protections : OVP/SCP/OPP
- *Operation Altitude : 3100meters

INPUT CHARACTERISTICS

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Operating Voltage Range		-36		-72	Vdc
Input Frequency Range					Hz
Maximum Input Current	*Io=100% ; Vin=-36Vdc			18	A
	*Io=100% ; Vin=-72Vdc			9	
Leakage Current					mA
Inrush Current	*Vin=-48Vdc,Cold start/25°C			50	A

OUTPUT CHARACTERISTICS

WATTAGE	OUTPUT					
	5V	3.3V	12V	-12V		5VSB
500W	25A	25A	41A	0.8A		3.5A
Load Regulation	+/-5%	+/-5%	+/-5%	+/-10%		+/-5%
Ripple & Noise(mv)	50	50	120	120		50

*+5V and +3.3V total output max : 40A

ENVIRONMENTAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Temperature		0		50	°C
Relative Humidity	Non-condensing	20		80	%
Emissions	EN55032 FCC Part15	CLASS A			
Surge	EN61000-4-5	DM : +/-1KV CM : +/-2KV			
Harmonic Currents					

GENERAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
MTBF	Io=100% ; Ta=25°C per MIL-HDBK-217F	142545			Hours
Efficiency	Io=100% ; Vin=-48Vdc	80			%
Power Density		4.53			W/in ³

