


ATX-PS2
BHG2-5300V
Dimension :
140(D)*150(W)*86(H)/mm

FEATURES

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

INPUT CHARACTERISTICS

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Operating Voltage Range		18		36	Vdc
Input Frequency Range					Hz
Maximum Input Current	*Io=100% ; Vin=18Vdc			22	A
	*Io=100% ; Vin=36Vdc			11	
Leakage Current					mA
Inrush Current	*Vin=24Vdc,Cold start/25°C			50	A

OUTPUT CHARACTERISTICS

WATTAGE	OUTPUT					
	5V	3.3V	12V	-12V		5VSB
300W	25A	25A	25A	0.8A		2.5A
Load Regulation	+/-5%	+/-5%	+/-5%	+/-10%		+/-5%
Ripple & Noise(mv)	50	50	120	120		50

*+5V and +3.3V total output max : 30A

ENVIRONMENTAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Temperature		0		40	°C
Relative Humidity	Non-condensing	20		80	%
Emissions	EN55032 FCC Part15	CLASS B			
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	146847			Hours
Efficiency	Io=100% ; Vin=24Vdc	80			%
Power Density		2.72			W/in ³

