



ATX-PS2 Medical

MHG2-5700G

Dimension :

140(D)*150(W)*86(H)/mm

FEATURES

- *80PLUS GOLD
- *Medical safety(2 x MOPP)
- *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		90		264	Vac
Input Frequency Range		47		63	Hz
Maximum Input Current	*I _o =100% ; V _{in} =90Vac *I _o =100% ; V _{in} =180Vac			10 5	A
Leakage Current				0.35	mA
Inrush Current	*V _{in} =115Vac,Cold start/25°C *V _{in} =230Vac,Cold start/25°C			20 40	A

OUTPUT CHARACTERISTICS

WATTAGE	OUTPUT					
	5V	3.3V	12V	-12V		5VSB
700W	22A	22A	58A	0.5A		3A
Load Regulation	+/-5%	+/-5%	+/-5%	+/-10%		+/-5%
Ripple & Noise(mv)	50	50	120	120		50

*+5V and +3.3V total output max : 140W

ENVIRONMENTAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Temperature		0		50	°C
Relative Humidity	Non-condensing	20		80	%
Emissions	EN55032 FCC Part15	CLASS B			
Surge	EN61000-4-5	DM : +/-2KV CM : +/-4KV			
Harmonic Currents	EN 61000-3-2	CLASS D			

GENERAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
MTBF	I _o =100% ; T _a =25°C per MIL-HDBK-217F	219600			Hours
Efficiency	I _o =100% ; V _{in} =115Vac	87			%
Power Density		6.35			W/in ³

