



ATX-PS2 Medical

MPSM-5500V

Dimension :

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

FEATURES

- *Medical safety(2 x MOPP)
- *Smart Fan Speed Control
- *Protections : OVP/OCP/SCP/OPP

INPUT CHARACTERISTICS

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
Operating Voltage Range		90		264	Vac
Input Frequency Range		47		63	Hz
Maximum Input Current	*Io=100% ; Low Line			8	A
	*Io=100% ; High Line			4	
Leakage Current				0.3	mA
Inrush Current	*Vin=115Vac,Cold start/25°C			20	A
	*Vin=230Vac,Cold start/25°C			40	

OUTPUT CHARACTERISTICS

WATTAGE	OUTPUT					
	5V	3.3V	12V	-12V		5VSB
500W	20A	20A	36A	0.8A		3.5A
Load Regulation	+/-5%	+/-5%	+/-5%	+/-5%		+/-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		40	°C
Relative Humidity	Non-condensing	20		80	%
Emissions	EN55032 FCC Part15	CLASS B			
Surge	EN61000-4-5	DM : +/-1KV CM : +/-2KV			
Harmonic Currents	EN 61000-3-2	CLASS D			

GENERAL SPEC.

Parameter	Notes & Conditions	Min.	Typ.	Max.	Units
MTBF	Io=100% ; Ta=25°C per MIL-HDBK-217F	142681			Hours
Efficiency	Io=100% ; Vin=115Vac		80		%
Power Density		3.97			W/in ³

