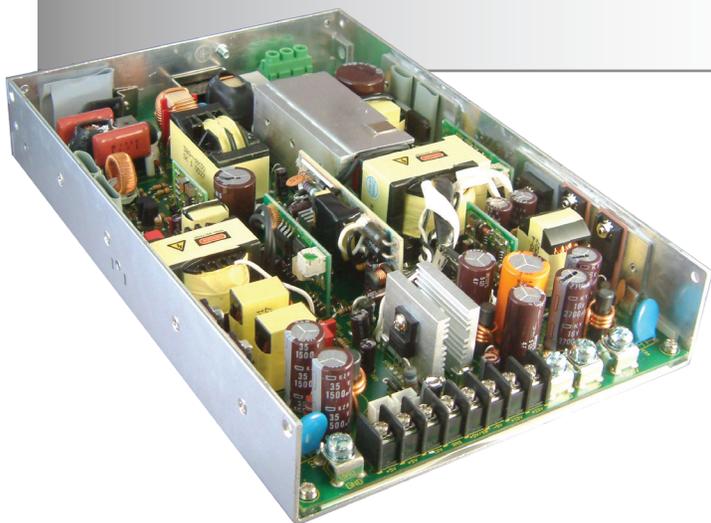


MPM-A30H:



300 Watt Medical ATX Power Supply

Features:

- 300 Watts Convection Cooled Operation
- Universal AC Input with Active PFC
- 5VSB / Power Good / Inhibit Functions
- AC Inlet or Terminal Block Option
- ATX 12V V2.0 Compliant
- 2 Year Warranty

INPUT:

Input Voltage	Universal Input (90~264 VAC)
Input Frequency	47-63Hz
Inrush Current	60A @ 240 VAC Cold Start
Input Current	6 Amps Max Continuous
Input Protection	Dual Fuse
Hold-Up Time	16mS minimum
Leakage	300µA max

GENERAL:

Efficiency	75% Typical
Operating Temperature	0-50°C Full Load (derate 2.5%/°C up to 70°C max)
Storage Temperature	-20°C to +85°C
Over-Temp Protection	Included
Cooling	Convection Cooled
Operating Humidity	10-90% RH, Non-Condensing
Vibration	5 ~ 50 Hz, acceleration 7.35 m/s*s on X,Y and Z Axis

OUTPUT:

Adjustment Range	See Output Table
Minimum Load	None
Regulation	See Output Table
Ripple & Noise	See Output Table
Overload Protection	Auto-Recovery
Over Voltage	3.3 / 5 / 12Vout only (latching)
Short Circuit Protection	Trip without damage & auto-recovery

EMC:

Electrostatic Discharge	EN61000-4-2, ±4KV Contact / ±8KV Air Discharge
Radiated Susceptibility	EN61000-4-3, 26-1000MHz, 10V/M, 80% AM
EFT / Bursts	EN61000-4-4, ±2KV
Surges	EN61000-4-5, ±2KV Line-Earth, ±1KV Line-Line
Conducted Immunity	EN61000-4-6, 0.15-800MHz, 10V, 80% AM
Voltage Dips	EN61000-4-100, 95% Dip & 10ms, 30% Dip & 500ms
Voltage Interruptions	EN61000-4-11, 95% reduction, 5s
Fluctuations & Flicker	EN61000-3-3

STATUS & CONTROL:

Power Good	High = DC in Regulation
Power Fail	Goes low >1ms before loss of regulation
5VSB	Always Present and on when AC is present
Remote On/Off	P/S is on when pin is connected to ground
Fan Speed	Thermal switch on secondary heatsink

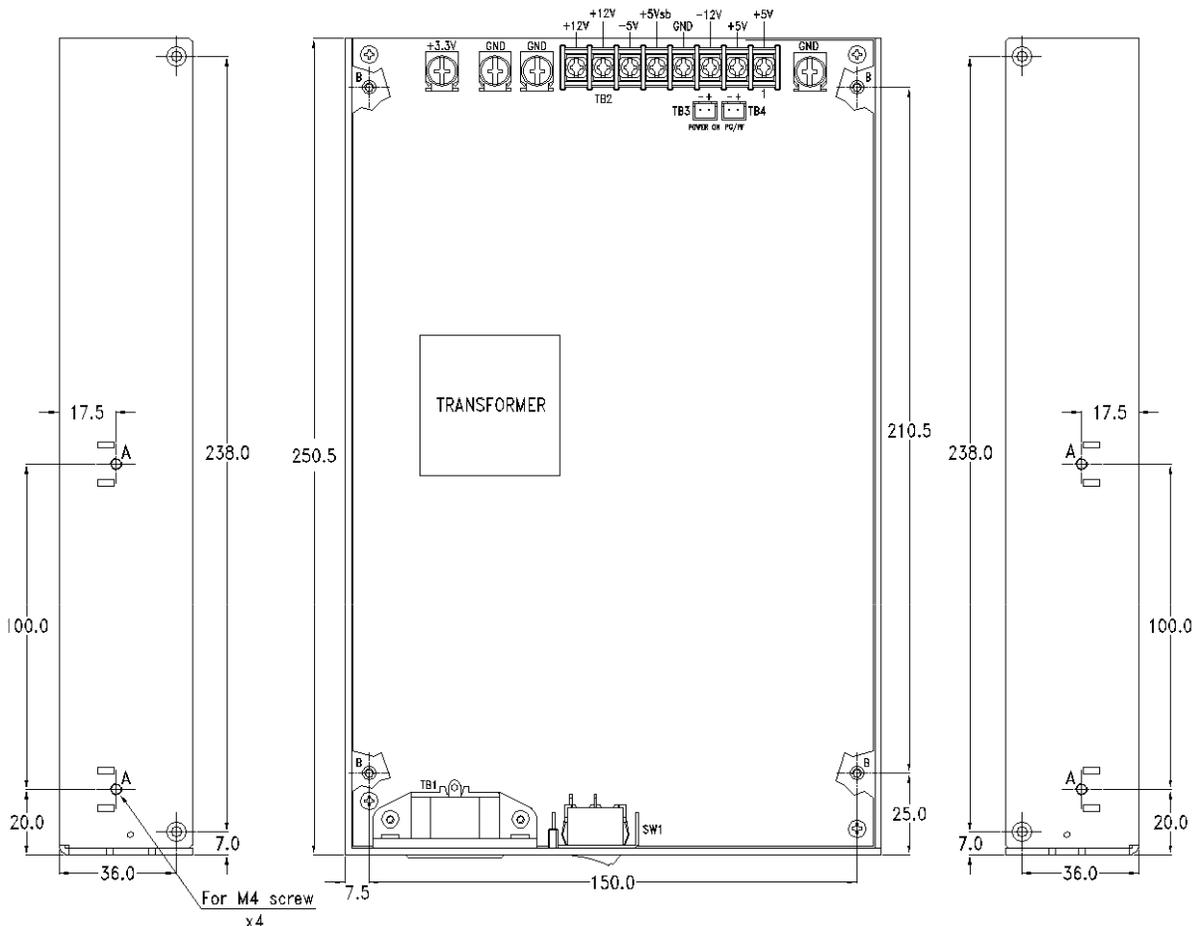
APPROVALS:

Emissions	EN55011 / EN55022 "B" FCC Part 15 Subject J Class B
Safety Approvals	UL 60601-1 CSA 22.2 No 601-1 EN 60601-1 CE Mark (LVD)

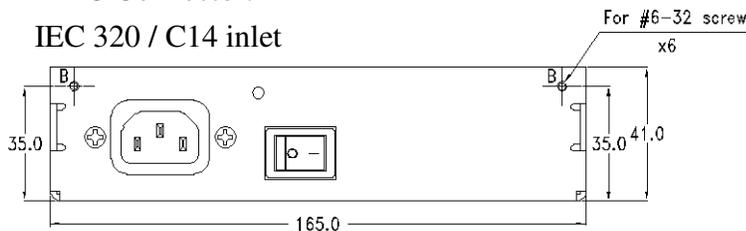
MPM-A30H:

Output Specifications:

	Output voltage	Min. load	Rated load	Max. load	Peak load	Total voltage range
1	+5V	3A	20A	25A		4.75V to 5.35V
2	+12V	1A	12A	15A	18A	11.40V to 12.60V
3	-12V	0A	1A			-10.80V to -13.20V
4	-5V	0A	0.5A			-4.50V to -5.50V
5	+3.3V	3A	10A	20A		3.14V to 3.47V
6	+5Vsb	0A	1A	2A		4.75V to 5.25V



AC Connector:
IEC 320 / C14 inlet



Option "T" Suffix for Terminal Connection

