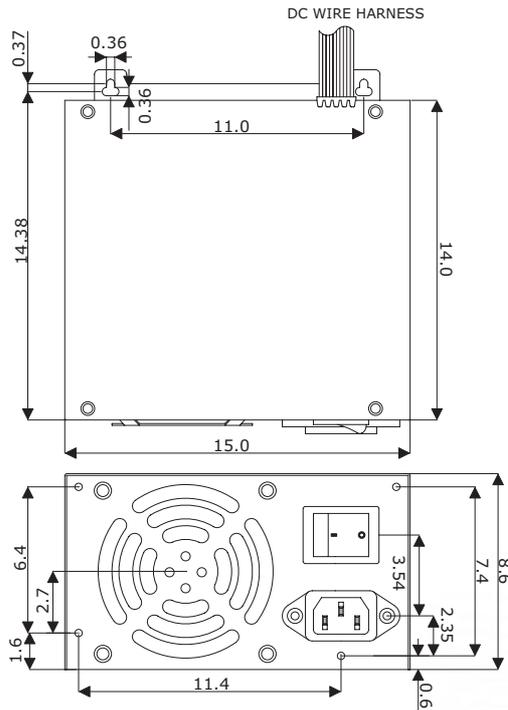


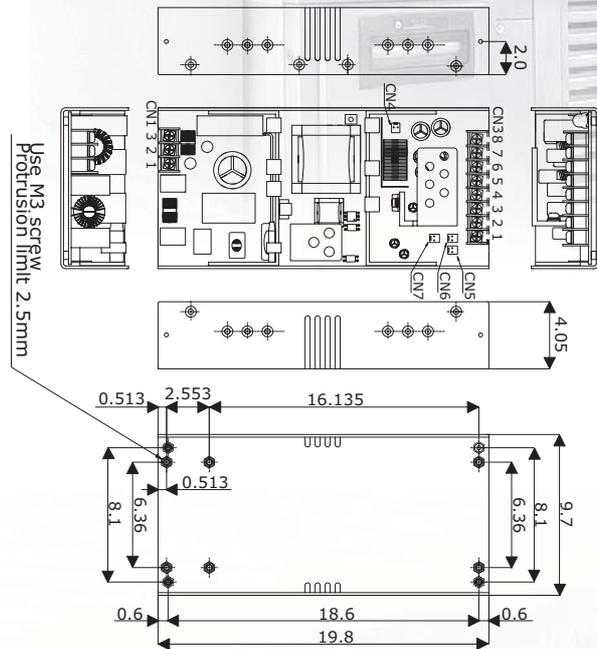
# MPM-842P-F

400W AC-DC ATX Power Supply



# MPM-815H

150W Open Frame Power Supply for Medical Class



## System

Output Voltage	+5V	+12V	-12V	+3.3V	+5Vsb
Mini. Output Current	1A	1A	0A	0.5A	0A
Rated Output Current	16A	21A	0.8A	16A	0.75A
Max. Output Current	21A	22A	----	22A	1.5A
Peak Output Current (Note 1)	----	25A	----	----	----
Line Regulation	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
Load Regulation	+/-5%	+/-5%	+/-10%	+/-5%	+/-5%
Ripple & Noise p-p (Note 2)	50mV	120mV	120mV	50mV	120mV
Initial Setting Accuracy (Note 3)	4.75V to 5.25V	11.4V to 12.6V	-10.80V to -13.20V	3.14V to 3.47V	4.75V to 5.25V

### Total Output Power

450W peak and continue at 400W at 50°C environment temperature (Note 4)

Note:

- +12V Peak current cannot over 10 seconds
- Measured by a 20MHz bandwidth limited oscilloscope and the each output is connected with a 10uF Electrolytic Capacitor and a 0.1uF Ceramic Capacitor, output at rated load and nominal input, and environment at 25°C
- Initial Setting Accuracy is at Input 110VDC and all output at 60% rated load
- The total DC continuous power shall be kept with 400W and peak power at 450W for maximum 10 seconds at input voltage at 100-264VAC. With input voltage 90-99VAC the total DC continuous power shall be kept with 300W max. Maximum 150W for 3.3V and 5V combined output power and maximum 383W for 3.3V, 5V, and 12V

### Safety

UL 60601-1 / TUV EN60601-1

### Dimensions

15.0 x 14.0 x 8.6 cm, Tolerance +/-0.4mm

## System

Output Voltage	+5V	+12V	-12V	+3.3V	+5Vsb
Min. Output Current	1A	0A	0A	0A	0A
Rated Output Current	11A	5A	0.5A	7.5A	0.75A
Max. Output Current (Note 1)	14A	10A	1A	12A	1.5A
Line Regulation	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
Load Regulation	+/-2%	+/-4%	+/-5%	+/-4%	+/-4%
Ripple & Noise p-p (Note 2)	50mV	100mV	150mV	50mV	100mV
Initial Setting Accuracy (Note 3)	5.05V to 5.15V	11.6V to 12.6V	-11.4V to -12.6V	3.20V to 3.40V	4.80V to 5.20V

### Total Output Power

150W at 50°C environment temperature (Note 4)

Note:

- The maximum total combined output power on the +3.3V and +5V rails is 90W
- Measured by a 20MHz bandwidth limited oscilloscope and the each output is connected with a 10uF Electrolytic Capacitor and a 0.1uF Ceramic Capacitor
- Initial Setting Accuracy is at Input 110VDC and all output at 60% rated load
- The total DC continuous power shall be kept with 150W at input voltage at 110-264VAC. With input voltage 90-109VAC the total DC continuous power shall be kept will 120W max. The maximum total combined output power on the +3.3V and +5V rails is 90W. On condition of with the option cover, the maximum 150W is at 30°C environment temperature (Please see part 6 of operating temperature)

### Safety

UL 60601-1 / TUV EN60601-1 / CB IEC60601-1

### Dimensions

19.8 x 9.7 x 4.05 cm, Tolerance +/-0.4mm