



# MPM-60 Series

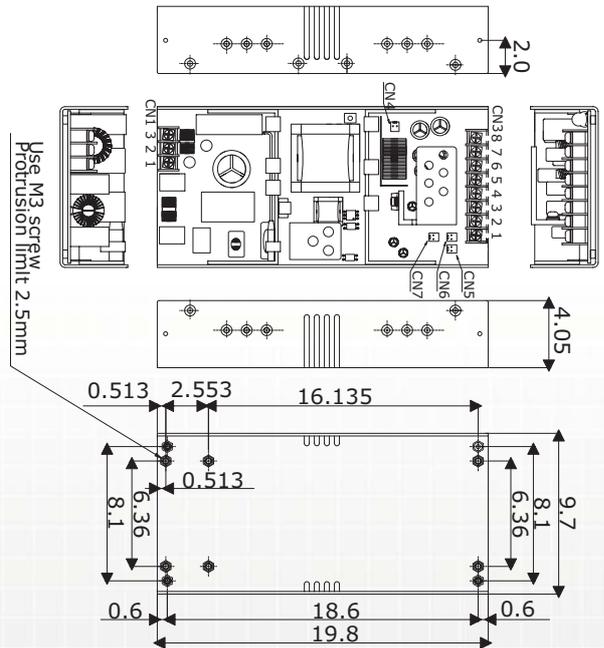
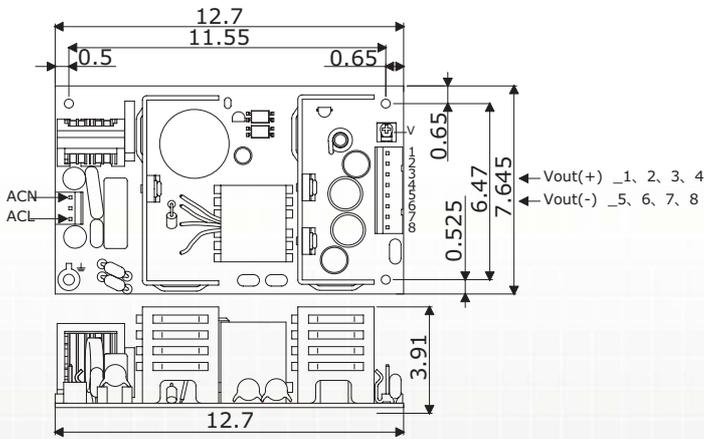
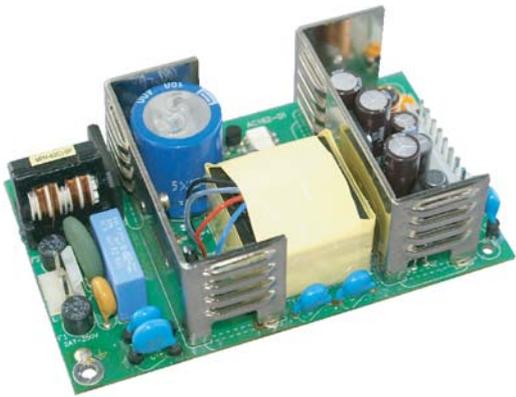
60W Open Frame Power Supply for Medical Class

# MPM-815H

150W Open Frame Power Supply for Medical Class

Industrial Power Supply

AC-DC



## Specifications

Model NO.	MPM-60-05(C)	MPM-60-12(C)	MPM-60-15(C)	MPM-60-24(C)
Output Voltage	5V	12V	15V	24V
Mini. Output Current	0A	0A	0A	0A
Rated Output Current	12A	5A	4A	2.7A
Peak Output Current	15A	6.5A	5A	3.1A
Line Regulation	1%	1%	1%	1%
Load Regulation	2%	2%	2%	2%
Ripple & Noise p-p (Note)	50mV	100mV	100mV	100mV
Initial Setting Accuracy	4.85V to 5.15V	11.88V to 12.12V	14.85V to 15.15V	23.76V to 24.24V

### Total Output Power

Note: Measured by a 20MHz bandwidth limited oscilloscope and the each output is connected with a 10uF Electrolytic Capacitor and a 0.1uF Ceramic Capacitor

### Dimensions

12.7 x 7.645 x 3.91 cm, Tolerance +/-0.4mm

## Specifications

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:

- 1) The maximum total combined output power on the +3.3V and +5V rails is 90W
- 2) Measured by a 20MHz bandwidth limited oscilloscope and the each output is connected with a 10uF Electrolytic Capacitor and a 0.1uF Ceramic Capacitor
- 3) Initial Setting Accuracy is at Input 110VDC and all output at 60% rated load
- 4) 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)

### Dimensions

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