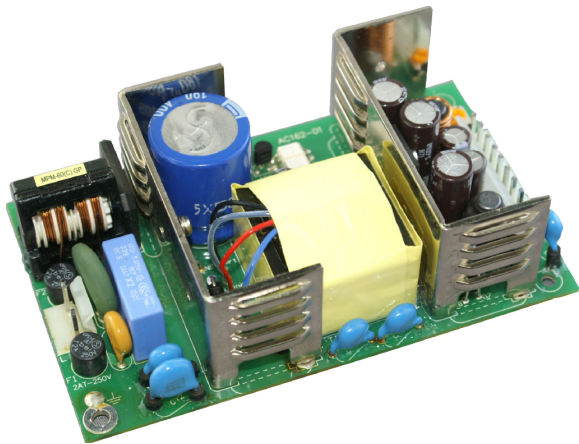


## MPM-60 SERIES:



### 60 Watt Medical Power Supply

- 5.00 x 3.00 x 1.54" Open-Frame

#### Features:

- International Medical Safety Approvals
- Universal AC Input
- Optional Cover
- Class B Emissions
- 2 Year Warranty

#### INPUT:

Input Voltage	Universal Input (90~264 VAC)
Input Frequency	47-63Hz
Inrush Current	60A @ 240 VAC Cold Start
Input Current	1A @ 264 VAC (max)
Input Protection	Dual Fuse
Hold-Up Time	16mS minimum

#### 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
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	Set at Factory
Minimum Load	None
Regulation	See Output Table
Ripple & Noise	See Output Table
Overload Protection	Auto-Recovery
Over Voltage	Hiccup Mode
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

#### APPROVALS:

Emissions	EN55011 / EN55022 "B" FCC Part 15 Subject J Class B
Safety Approvals	EN 60601-1 CE Mark (LVD)

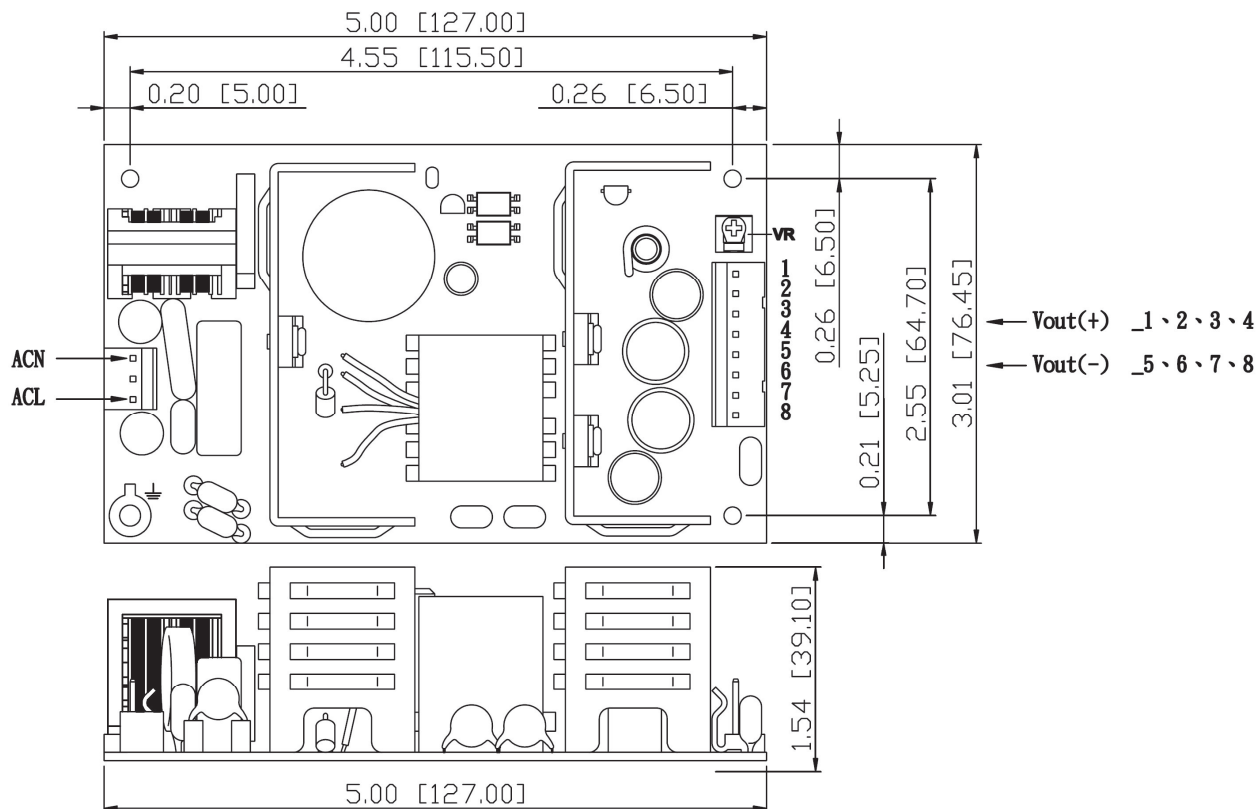
## MPM-60 SERIES:

### Output Specifications:

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

Parameter	Conditions/Description																																
Dimension	76.45 x 127 x 39.1 mm, tolerance +/-0.5mm. 86.86 (3.42') x 127 (5') x 51 (2.01') mm, tolerance +/-0.5mm with cover kits provided																																
Connector	CN1 --- AC input: Molex 5273-03A or equivalent withdraw 1 pin. CN2 --- DC output: Molex 5273-8A or equivalent.																																
Pin Assignment	<table border="0"> <tr> <td>CN1</td> <td>Pin</td> <td>1.</td> <td>N</td> <td>2.</td> <td>L</td> <td></td> <td></td> </tr> <tr> <td>CN2</td> <td>Pin</td> <td>1.</td> <td>+V</td> <td>4.</td> <td>+V</td> <td>7.</td> <td>GND</td> </tr> <tr> <td></td> <td></td> <td>2.</td> <td>+V</td> <td>5.</td> <td>GND</td> <td>8.</td> <td>GND</td> </tr> <tr> <td></td> <td></td> <td>3.</td> <td>+V</td> <td>6.</td> <td>GND</td> <td></td> <td></td> </tr> </table>	CN1	Pin	1.	N	2.	L			CN2	Pin	1.	+V	4.	+V	7.	GND			2.	+V	5.	GND	8.	GND			3.	+V	6.	GND		
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		3.	+V	6.	GND																												

### ◆ Dimension



## MPM-60 SERIES:

**Output Specifications:**

Parameter	Conditions/Description	DIMENSIONS (mm)			
		L	W	H	T
Cover Kits (No.831-5C61 Aluminum, and 831-5C62)	Aluminum.	127	86.86	51.0	1.5

◆ **Cover Kits (Part No. 831-5C61 for Bottom and 831-5C62 for TOP)**

