

# MP300 Series

300 Watt Medical Desktop  
Power Supply

# PHASIUM

BY MEGMEET

Medical Power Specialists



The **MP300** is a Rugged, High Efficiency, Convection Cooled AC/DC for Mission-Critical Applications

## Key Features

- Medical 60601-1 Safety Approvals
- Small 6.0 x 3.9 x 1.5" U-Frame
- Remote On/Off, Power Fail
- 5VSD @ 500mA Output
- Full Load Convection Cooled Operation up to 40°C
- High Efficiency - 93% Typical at Full Load, 230Vdc
- EN55011 / FCC Part 15J Class B Emissions
- 3-year Warranty
- Universal AC Input with Active PFC



Medical Laser Systems



Ventilation Equipment



Imaging Systems



Industrial Processing  
Equipment

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Models	Main Output Voltage	Output Current	Peak Current	Ripple & Noise (Max)
MP300-12	12V	25.0A	29.0A	120mV
MP300-19	19V	15.8A	18.4A	190mV
MP300-24	24V	12.5A	14.6A	240mV
MP300-28	28V	10.7A	12.5A	280mV
MP300-36	36V	8.3A	9.7A	360mV
MP300-48	48V	6.3A	7.3A	480mV

#### Technical Highlights

<b>Input Voltage</b>	90-264 VAC (Universal)	<b>Efficiency</b>	93% typical at 230 VAC, full load
<b>Leakage Current</b>	<100μA @ 264VAC	<b>Operating Temperature</b>	0°C ~ +40°C
<b>Output Voltage</b>	See table above	<b>Protection</b>	Internal T5A/ 250V Fuse (Line & Neutral)
<b>Line Regulation</b>	±0.5%	<b>Isolation</b>	4000 VAC Input to Output 1500 VAC Input to Ground 1500 VAC Output to Ground
<b>Load Regulation</b>	±2%	<b>MTBF</b>	300K Hours, Mil-217F at 25°C, full load

Note: Product specifications are subject to change without prior notice.



**CB CE**

