

# MP400 Series

400 Watt Medical Desktop  
Power Supply

# PHASIUM

BY MEGMEET

Medical Power Specialists



Dependable low-cost single DC output U-Channel 400W fan-less AC/DC converter is ideal for products that run 24 hours, 7 days a week. This high efficiency Class I constructed power supply meets Class B EMI limits while design delivering high current while meeting all the latest international safety and EMC requirements.

## Key Features

- Medical 60601-1 Safety Approvals
- Full Load Convection Cooled Operation Up To 40°C
- High Efficiency - 92% Typical Full Load
- Remote On/Off, AC OK & DC OK
- 5VSDB @ 500mA Output
- Universal AC Input With Active PFC
- EN55011 / FCC Part 15J Class B Cond. Emiss
- 3 Year Warranty
- Medical (BF) Approvals



Medical Lasers



Imaging Systems



Battery Chargers



Body Shaping Equipment

**PHASIUM**  
BY MEGMEET

POWER@PHASIUMPOWER.COM

| Models   | Main Output Voltage | Output Current (convection) | Ripple & Noise (Max) | Max Total Regulation |
|----------|---------------------|-----------------------------|----------------------|----------------------|
| MP400-12 | 12V                 | 30.0A                       | 120mV                | ±2%                  |
| MP400-15 | 15V                 | 26.6A                       | 150mV                | ±2%                  |
| MP400-18 | 18V                 | 22.2A                       | 180mv                | ±2%                  |
| MP400-24 | 24V                 | 16.7A                       | 240mV                | ±2%                  |
| MP400-28 | 28V                 | 14.2A                       | 280mV                | ±2%                  |
| MP400-36 | 36V                 | 11.1A                       | 360mV                | ±2%                  |
| MP400-48 | 48V                 | 8.3A                        | 480mV                | ±2%                  |

#### Technical Highlights

|                        |                        |                              |   |
|------------------------|------------------------|------------------------------|---|
| <b>Input Voltage</b>   | 90-264 VAC (Universal) | <b>Efficiency</b>            | 92% typical at 115/230 VAC, full load   |
| <b>Leakage Current</b> | <100μA @ 264VAC        | <b>Operating Temperature</b> | 0°C ~ +40°C (convection cooled)   |
| <b>Output Voltage</b>  | See Table              | <b>Protection</b>            | Internal 8A / 250V Fuse (Line & Neutral)  |
| <b>Line Regulation</b> | ±0.5%                  | <b>Isolation</b>             | Input to Output 4000 VAC ,2xMOPP<br>Input to Ground (Class I) 1500 VAC ,1xMOPP<br>Output to Ground (Class I) 1500 VAC ,1xMOPP |
| <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.

