

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(BF) Safety Approvals
- Class I Construction
- Full Load Convection Cooled Operation Up To 40°C
- High Efficiency - 93% Typical At 230 VAC, Full Load
- Remote On/Off, AC OK & DC OK
- 5VSD @ 500mA Output
- Universal AC Input With Active PFC
- EN55011 / FCC Part 15J Class B Cond. Emiss
- 3 Year Warranty



Medical Lasers



Imaging Systems



Battery Chargers



Body Shaping Equipment

Models	Main Output Voltage	Output Current (convection)	Ripple & Noise (Max)	Max Total Regulation
MP400-12	12V	30.0A	60mV	±2%
MP400-15	15V	26.7A	75mV	±2%
MP400-18	18V	22.2A	90mV	±2%
MP400-24	24V	16.7A	120mV	±2%
MP400-28	28V	14.3A	140mV	±2%
MP400-36	36V	11.1A	180mV	±2%
MP400-48	48V	8.3A	240mV	±2%

Technical Highlights			
Input Voltage	90-264 VAC (Universal)	Efficiency	90%/93% typical at 115/230 VAC, full load
Leakage Current	<100µA @ 264VAC	Operating Temperature	-10°C ~ +40°C (convection cooled)
Output Voltage	See Table	Protection	Internal 8A / 250V Fuse (Line & Neutral)
Line Regulation	±0.5%	Isolation	Input to Output 4000 VAC ,2xMOPP Input to Ground 1500 VAC ,1xMOPP Output to Ground 1500 VAC ,1xMOPP
Load Regulation	±2%	MTBF	300K Hours, Mil-217F at 25 °C, full load



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

