

MP240 Series

240 Watt Medical Desktop Power Supply

PHASIUM

BY MEGMEET

Medical Power Specialists



U-Channel mounted 240W rock-solid AC/DC converter capable of delivering pulse currents up to 600W. Ideal for powering blowers and motors that demand high start-up current. This high efficiency design radiates less heat and performs reliably for a long field life.

Key Features

- Medical 60601-1 Safety Approvals
- Medical (BF) Safety Approvals
- EN55011 / FCC Part 15J Class B Emissions
- Small 6.0 x 3.9 x 1.5" U-Frame Package
- 670 Watt Peak Load Capability
- Full Load Convection Cooled Operation Up To 40°C
- High Efficiency - 93% Typical At Full Load, 230Vdc
- Universal AC Input With Active PFC
- 3 Year Warranty



Oxygen Concentrator



Industrial Equipment



Ventilator



Medical Lasers

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POWER@PHASIUMPOWER.COM

Models	Main Output Voltage	Output Current	Ripple & Noise (Max)	Max Total Regulation
MP240-12	12V	20.0A	120mV	±3%
MP240-19	19V	12.6A	190mV	±3%
MP240-24	24V	10.0A	240mV	±3%
MP240-28	28V	8.6A	280mV	±3%
MP240-36	36V	6.7A	360mV	±3%
MP240-48	48V	5.0A	480mV	±3%

Technical Highlights

Input Voltage	90-264 VAC (Universal)	Efficiency	93% typical at 230 VAC, full load
Leakage Current	<100µA @ 264VAC	Operating Temperature	0°C ~ +40°C (convection cooled)
Output Voltage	See Table	Protection	Internal T5A / 250V Fuse (Line & Neutral)
Line Regulation	±0.5%	Isolation	4000 VAC Input to Output 1500 VAC Input to Ground 1500 VAC Output to Ground
Load Regulation	±3%	MTBF	300K Hours, Mil-217F at 25 °C, full load



CB CE

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

