

MP060 Series

60 Watt Medical Power Supply

PHASIUM

BY MEGMEET

Medical Power Specialists



The low-cost solution for under 60 watts. This reliable converter meets all Medical and Commercial compliance requirements including 4th Edition EMC and comes in single output DC voltages from 12V ~ 48V.

Key Features

- Medical 60601-1 Safety Approvals
- Small 4.00 x 2.00 x 1.25" Footprint
- 60W/72W Peak - Convection Cooled
- High Efficiency Up to 87%
- EN55011 / FCC Part 15J Class B Emissions
- 3-year Warranty
- Less than 0.5W No Load Input Power



Medical Monitor



POS System



Industrial Control



Medical Lighting

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| Models | Main Output Voltage | Output Current | Peak Current | Ripple & Noise (Max) |
|----------|---------------------|----------------|--------------|----------------------|
| MP060-12 | 12V | 5.0A | 6.0A | 120mV |
| MP060-19 | 19V | 3.2A | 3.8A | 190mV |
| MP060-24 | 24V | 2.5A | 3.0A | 240mV |
| MP060-28 | 28V | 2.1A | 2.6A | 280mV |
| MP060-48 | 48V | 1.3A | 1.5A | 480mV |

Technical Highlights

| | | | |
|-----------------|------------------------|-----------------------|---|
| Input Voltage | 90-264 VAC (Universal) | Efficiency | 87% typical at 115/230 VAC, full load |
| Leakage Current | <100μA @ 264VAC | Operating Temperature | 0°C ~ +40°C (convection cooled) |
| Output Voltage | See table above | Input Protection | Internal T3.15A/ 250V Fuse (Line & Neutral) |
| Line Regulation | ±0.5% | Isolation | Input to Output: 4000 VAC, 2xMOPP |
| Load Regulation | ±1% | MTBF | >100K Hours, Mil-217F at 25 °C, full load |

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

