

PHASIUM

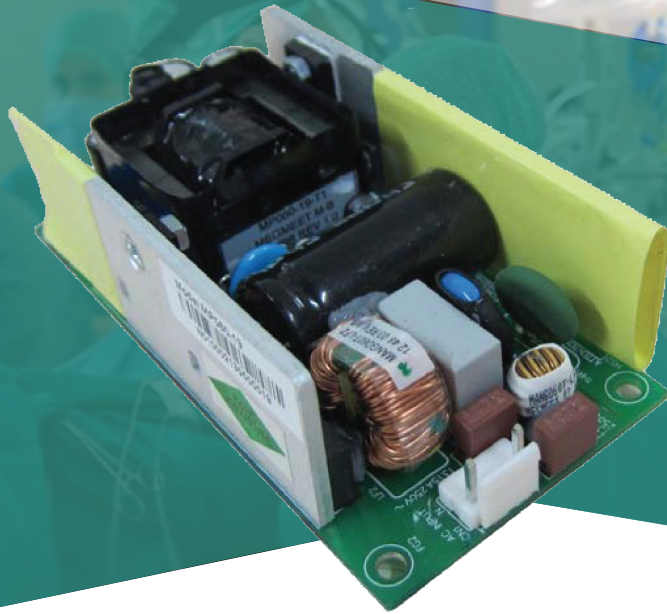
BY MEGMEET™

Medical Power Specialists

MP036A/B Series

36 Watt Open Frame Medical Power Supply

The low-cost solution for under 40 watts. This small reliable converter meets all Medical and Commercial compliance requirements including 4th Edition EMC and comes in single output DC voltages from 12V ~ 48V. The MP036 has excellent EMI performance and an average efficiency of 90%.



MP036A/B SERIES

Key Features

- Universal AC Input
- 12V to 48V Single Output
- High Efficiency—to 92%
- Medical IEC60601-1 Safety Approval
- EN60601-1-2 Electromagnetic Compatibility (3rd and 4th Ed)
- Less Than 100µA AC Leakage Current
- Compliance to EN 55011 EMI Class B Emissions
- Superior MTBF
- 3 Year Warranty



Fetal Monitor



Analyzer



Patient Monitor



EKG Monitor

Models	Output Voltage	Output Current	Peak Current	Ripple & Noise (Max)
MP036A/B-12	12V	3.0A	3.6A	1% pk-pk max., 20MHz BW*
MP036A/B-15	15V	2.5A	3.0A	1% pk-pk max., 20MHz BW*
MP036A/B-24	24V	1.5A	1.8A	1% pk-pk max., 20MHz BW*
MP036A/B-48	48V	.75A	9A	1% pk-pk max., 20MHz BW*

*Differential Mode

Technical Highlights

Input Voltage	100-240 VAC, +/- -10%, Single Phase	Efficiency	87% typical at 115/230 VAC, full load
Leakage Current	<100 μ A @ 230VAC	Operating Temperature	0°C ~ +50°C
Output Voltage	See table above	Protection	OCP / OVP / SC / Over Temp
Line Regulation	1.00%	Isolation	Input to Output: 4000 VAC, 2x MOPP Input to Ground (Class I): 1500VAC, 1x MOPP Output to Ground (Class I): 1500 VAC, 1x MOPP
Load Regulation	2.00%	MTBF	200K Hours, Mil-217F at 25 °C, full load

MP036A	MP036B

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