

MP225 Series

150W (Convection)

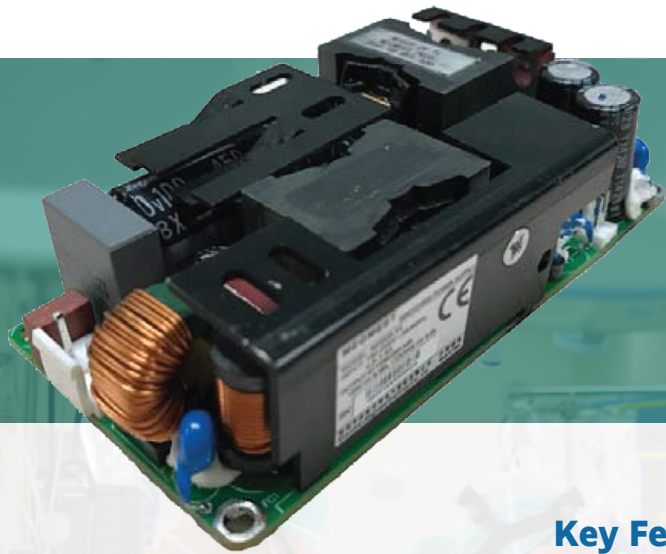
225W (Forced Air)

Medical Power Supply

PHASIUM

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Medical Power Specialists



Up to 95% efficiency the MP225 delivers 150 watts convection cooled DC power and 225 watts with forced air in a 2" X 4" X 1" footprint. Configurable for Class I and Class II installation options it meets all Medical and Commercial compliance requirements.

Key Features

- Optimized CRM PFC + LLC for High Efficiency
- Medical IEC60601-1 Safety Approval
- ITE IEC60950 Safety Approval
- 4th Ed. EMC / Class B Emissions
- Class I or Class II Construction
- BF Compliant Isolation
- Small 2" x 4" Footprint
- 3-year Warranty



Defibrillator Monitor



Endoscopy



Medical Laser



Ventilator

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| Models | Main Output Voltage | Output Current (Convection) | Output Current (Forced-Air) | Fan output |
|----------|---------------------|-----------------------------|-----------------------------|------------|
| MP225-12 | 12V | 11.0A | 16.7A | 12V 0.4A |
| MP225-15 | 15V | 9.0A | 13.3A | 12V 0.4A |
| MP225-19 | 19V | 7.9A | 11.8A | 12V 0.4A |
| MP225-24 | 24V | 6.3A | 9.4A | 12V 0.4A |
| MP225-28 | 28V | 5.4A | 8.0A | 12V 0.4A |
| MP225-48 | 48V | 3.1A | 4.7A | 12V 0.4A |

Technical Highlights

| | | | |
|------------------------|----------------------------|------------------------------|--|
| Input Voltage | 80-264 VAC (Universal) | Efficiency | 92% / 94% min at 115VAC/230VAC, full load |
| Leakage Current | <100µA @ 264VAC | Operating Temperature | 0°C ~ +50°C for Forced Air Cooling (225W) 0°C ~ +40°C for Convection Cooling (150W) |
| Output Voltage | ±2% For Main Output | Protection | Internal T5A / 250V Fuse (Line & Neutral) |
| Line Regulation | ±1% | Isolation | Input to Output: 4000 VAC, 2xMOPP Input to Ground(Class I): 1500 VAC, 1xMOPP Output to Ground(Class I): 1500 VAC, 1xMOPP |
| Load Regulation | ±2% For Main; ±30% For Fan | MTBF | 200K Hours, Mil-217F at 25 °C, full load |

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

