

MKP150 Series

132-150W (Convection)

200-225W (Forced Air)

Medical Power Supply

PHASIUM

BY MEGMEET

Medical Power Specialists



Up to 95% efficiency the MKP150 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

- Medical 60601-1 Safety Approvals
- Small 4.1 x 2 x 1" Package
- Class I, Construction Compatible
- Medical (BF) Approvals For Class I
- High Efficiency up to 94%
- High Power Density 28W/in³
- Universal AC Input with Active PFC
- EN55011 / FCC Part 15J Class B Emissions
- 3 Year Warranty



Defibrillator Monitor



Endoscopy



Medical Laser



Ventilator

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Models	Main Output Voltage	Output Current (Convection)	Output Current (Forced-Air)
MKP150-12	12V	12.5A	18.8A
MKP150-15	15V	10.0A	15.0A
MKP150-18	19V	8.3A	12.5A
MKP150-24	24V	6.3A	9.4A
MKP150-48	48V	3.2A	4.7A

Technical Highlights

Input Voltage	100-240 VAC (Universal)	Efficiency	90% / 94% min at 115VAC/230VAC, full load
Leakage Current	<100μA @ 264VAC	Operating Temperature	0°C ~ +50°C
Output Voltage	±3%	Ripple / Noise	1% pk-pk typical
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%	MTBF	200K Hours, Mil-217F at 25 °C, full load

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

