

MKP199-48 Series

200 Watt Medical
Power Supply

PHASIUM

BY MEGMEET

Medical Power Specialists



The elite of the 3 x 5" converters. This 200W (300W with airflow) reliable low cost medical and commercial AC/DC power supply features superior EMI/EMC performance driven by an advanced high efficiency PFC + LLC topology.

Key Features

- Medical 60601-1 Safety Approvals
- Small 5 x 3 x 1.5" Package
- Class II Construction
- High Efficiency - 90% typical at full load
- Remote On/Off Power Fail Signal
- EN55011 / FCC Part 15J Class B Emissions
- Universal AC Input with Active PFC
- 3 Year Warranty



Oxygen Concentrator



Defibrillator/Monitor



Ventilator



Endoscopy/Laproscopy

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Models	Main Output Voltage	Output Current (Convection)	Output Current (Forced Air)	Fan Output
MKP199-48**	48V	4.2A	6.8A	12V 0.5A
MKP199-48M	48V	4.2A	6.8A	12V 0.5A

*) Max. Rated Current with 300LFM Forced- Air Flow

*) The leakage current of MKP199-48 should be reevaluated in the end products. Its eath leakage current is less than 500uA.

Technical Highlights

Input Voltage	90-264 VAC (Universal)	Efficiency	88/90% typical at 115/230 VAC, full load
Leakage Current	<250μA @ 264VAC	Operating Temperature	0°C ~ +40°C
Output Voltage	See Table	Protection	Internal T5.0A / 250V Fuse (Line & Neutral)
Line Regulation	±0.5%	Isolation	Input to Output: 4000 VAC
Load Regulation	±2% For 48V & 5VSDB ; ±15% For Fan	MTBF	300K Hours, Mil-217F at 25 °C, full load

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

