

# MKP199C Series

200 Watt Medical Desktop  
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. Class I and Class II construction is available.

## Key Features

- IT 60950-1 & Medical 60601-1 Safety Approvals
- Small 5 x 3 x 1.5" Package
- Class I, Class II Construction Compatible
- High Efficiency - 90% typical at full load
- EN55011 / EN55022 / FCC Part 15J Class B Emissions
- Universal AC Input with Active PFC
- 3 Year Warranty



Oxygen Concentrator



Defibrillator/Monitor



Ventilator



Endoscopy/Laproscope

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Models	Main Output Voltage	Output Current (convection)	Ripple & Noise (Max)	Max Total Regulation
MKP199C-12	12V	16.7A	120mV	±2%
MKP199C-19	19V	10.5A	190mV	±2%
MKP199C-24	24V	8.3A	240mV	±2%
MKP199C-28	28V	7.1A	280mV	±2%
MKP199C-48	48V	4.2A	480mV	±2%

#### Technical Highlights

<b>Input Voltage</b>	90-264 VAC (Universal)	<b>Efficiency</b>	90%min at 230VAC, full load
<b>Leakage Current</b>	<100μA @ 264VAC	<b>Operating Temperature</b>	0°C ~ +40°C
<b>Output Voltage</b>	See Table	<b>Protection</b>	Internal T5.0A / 250V Fuse (Line & Neutral)
<b>Line Regulation</b>	±0.5%	<b>Isolation</b>	Input to Output: 4000 VAC Input to Ground: 1500 VAC Output to Ground: 500 VDC
<b>Load Regulation</b>	±2%	<b>MTBF</b>	300K Hours, Mil-217F at 25 °C, full load

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

