

MDP150 Series

150 Watt Medical
Power Supply

PHASIUM

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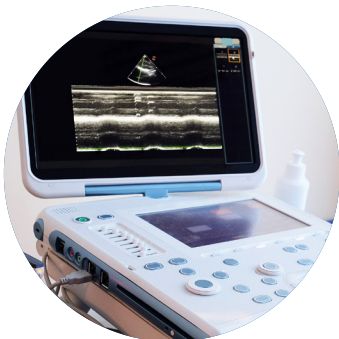
Medical Power Specialists



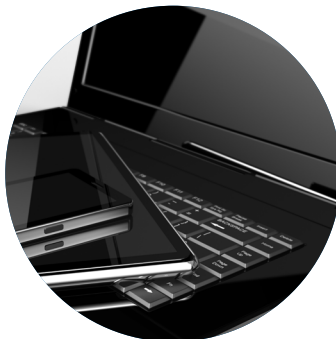
Ideal for mobile devices, the **MDP150** is designed to run on nominal 12V power found in Auto, Aircraft and portable power packs. Geared toward Oxygen Concentrators, Patient Monitors, and other applications designed to run continuously.

Key Features

- Medical 60601-1 Safety Approvals
- Small 5.80 x 2.87 x 1.19" Footprint
- 12V Input Range (11.5-16.0VDC)
- IPX1 Rated Enclosure
- High Power Density - 7.3W/in³
- EN55011 / FCC Part 15J Class B Emissions
- 3 Year Warranty



Ultrasound



Laptop



Oxygen Concentrator



Defibrillator

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Models	Main Output Voltage	Maximum Current	Ripple & Noise (Max)	Max Total Regulation
MDP150-19y	19V	7.9A	190mV	±5%
MDP150-24y	24V	6.3A	240mV	±5%
MDP150-26y	26V	5.7A	260mV	±5%

* Designate DC Output Connector by replacing "y" with the following:

"D" for 8 Pin DIN Connector

"M" for Molex Connector Part Number 39-01-2060 or equivalent

"K" for K ycon KP P-4P Locking Connector

Technical Highlights

Input Voltage	11.5 - 16.0 VDC	Efficiency	90% typical
Output Voltage	See Table	Operating Temperature	-15°C ~ +40°C
Line Regulation	±0.5%	Isolation	Non-Isolated
Load Regulation	±5%	MTBF	100K Hours, MIL-217F at 25°C, full load



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

