

# MDP120 Series

## 120 Watt Medical Desktop Power Supply

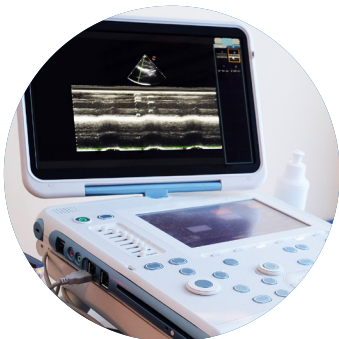
**PHASIUM**  
BY MEGMEET  
Medical Power Specialists



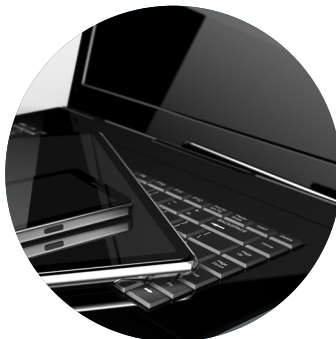
Ideal for mobile devices, the **MDP120** is designed to run on nominal 12V power found in Auto, Aircraft and portable power packs. Geared toward Oxygen Concentrators, Patient Monitors, and other applications designed to run continuously.

### Key Features

- Medical 60601-1 Safety Approvals
- Small 5.18 x 2.43 x 1.24" Footprint
- 12V Input Range (11.5-16.0VDC)
- IP22 Rated Enclosure
- High Power Density - 7.68W/in<sup>3</sup>
- EN55011 / FCC Part 15J Class B Emissions
- 3 Year Warranty



Ultrasound



Laptop



Oxygen Concentrator



Defibrillator

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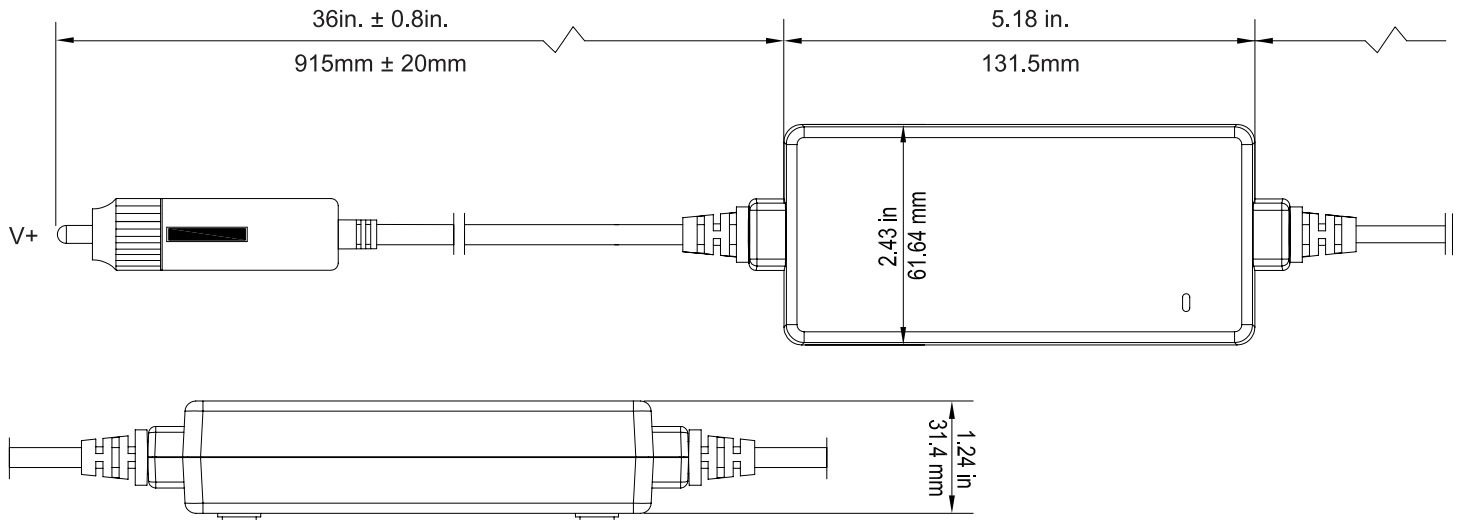
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Models	Main Output Voltage	Maximum Current	Ripple & Noise (Max)	Max Total Regulation
MDP120-15y	15V	8.0A	150mV	±5%
MDP120-19y	19V	6.3A	190mV	±5%
MDP120-24y	24V	5.0A	240mV	±5%

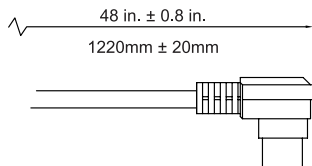
#### Technical Highlights

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

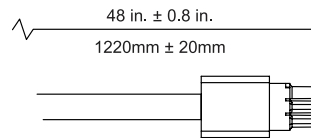
Note: Product specifications are subject to change without prior notice.



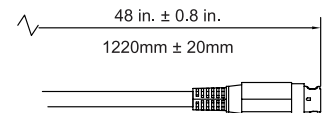
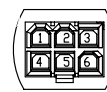
CB CE



**DIN-8**  
Pins 1, 2, 4, 6 +V  
Pins 3, 5, 7, 8 -V



**MOLEX 6CKT (39-01-20)**  
mates with 5559 plug and 5566 / 5569 headers  
Pins 1, 4, 5 +V  
Pins 2, 3, 6 Return



**KYCON KPPX-4P**  
Pins 1, 2 +V  
Pins 3, 4 -V

