

200W MEDICAL GRADE POWER SUPPLIES

MDP200-US48-OF

Power supply 100-240V AC/48 V DC, 4,2A

- 12V, 24V and 48V DC outputs
- High efficiency 93,5%
- 12V AUX output
- 2x MoPP - BF Compatible

PRODUCT DESCRIPTION

Ultra compact, 200W open-frame medical grade power supply series, the MDP200 is designed to provide 2x MoPP grade protection, and is suitable for use in BF medical appliances. Available in 12, 24 and 48 VDC outputs, this series of high performance AC/DC power supplies provides up to 200 W of steady output power with forced air, and 160 W with convection cooling over the full 90 - 264 VAC wide input voltage range, all in a compact 2 x 4 x 1.44" form factor.

Key features:

- Wide input voltage range 90 - 264 VAC
- Steady 200 W with forced air
- IEC protection Class I & Class II configurations
- Compact form factor 2 x 4 x 1.44"
- High efficiency 93.5%
- 12, 24 & 48 VDC standard output variants
- Low earth/touch leakage currents
- Low no-load power consumption < 0.3 W
- 12V auxiliary output
- 2x MoPP - BF Compatible

SPECIFICATIONS

| | |
|----------------------|----------------------|
| Input voltage AC | 100-240 V AC |
| Input voltage ac min | 90 V AC |
| Input voltage ac max | 264 V AC |
| Output voltage | 48 V DC |
| Output current max | 4.2 A |
| Effect | 200 W |
| Length | 101.6 mm |
| Width | 50.8 mm |
| Height | 37.6 mm |
| Weight | 0.253 kg |
| Approvals | CB, CE, CSA 22.2, UL |

| | |
|--|--------|
| Temperature range from | -20 °C |
| Temperature range to | 70 °C |
| Power Factor at 120 V AC, full load. Typical | 0.9 |
| Power Factor at 230 V AC, full load. Typical | 0.9 |
| Efficiency At 230 V AC, full load. Typical | 93 % |