

200W INDUSTRIAL POWER SUPPLIES

DDP200-US48-PC

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

- 12V, 24V and 48V DC outputs
- High efficiency 93,5%
- 12V AUX output

PRODUCT DESCRIPTION

Available in 12, 24 and 48 VDC standard output variants, this series of high performance AC/DC power supplies provides up to 200 W of steady output power with moving air, and 160 W with convection cooling over the full 90 - 264 VAC wide input voltage range in a compact 2 x 4 x 1.44" open frame form factor. The series is also available in a 2.44 x 4.61 x 1.57" encased package which provides operator protection during system servicing, and enhanced thermal performance.

With 93.5% efficiency and extremely low <0.3 W power consumption at no load, the DDP200 series eases system design and offers exceptional thermal management compatible with the latest environmental legislations. The series meets the latest IEC/EN 60950-1 safety standards, including the internationally recognized EMC standard EN 55032 Class B specifications for conducted noise emissions, and EN 55024 for EMC immunity, which makes this series suitable for a wide range of IT/Industrial applications worldwide.

Key features:

- Wide input voltage range 90 - 264 VAC
- Steady 200 W with forced air
- IEC protection Class I & Class II configurations
- Compact open-frame form factor 2 x 4 x 1.44"
- High efficiency 93.5%
- 12, 24 & 48 VDC standard output variants
- Low earth leakage current
- Low no-load power consumption < 0.3 W
- 12V auxiliary output
- 3000m altitude operation

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	117 mm
Width	62 mm
Height	40 mm
Weight	0.314 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 %