

IDC SERIES DC-DC CONVERTERS

FEATURES

- Fully Isolated
- Short Circuit Protected
- Current Limited
- 2 Year warranty

APPLICATIONS

- Earth moving equipment
- Marine
- Solar
- Telecommunication
- Industry
- Forklift



200 Watts, fully isolated

TECHNICAL SPECIFICATIONS

| Model | IDC-200C-48 |
|--|---|
| Input Voltage Range | 30-60 VDC |
| Output Voltage | 48 VDC |
| Output Current | 4 A |
| Input to Output Isolation | Yes >400 V RMS |
| Output Ripple & Noise | <50mV RMS |
| Peak Efficiency | 85% |
| Operation Temperature | -20° to +30°C, De-rate linearly to zero at 70°C |
| Humidity, non condensing | Max 95% |
| Protection | Overload / short circuit on the output side Over Voltage on the output side Over Voltage / transients on the input side Reverse polarity on the input side Over heating |
| Fuses Specs | |
| External Input Side Fuse (Inline with "Input+ Terminal) | 80 V, 10 A |
| External Output Side Fuse (Inline with "Output+ Terminal) | 80 V, 5 A |
| Approval | CE and Automotive |
| Input / Output Connections | Quick Connect male 6.3 mm |
| Dimensions (LxWxH) | 176x88x50 mm |
| Weight | 0,6 Kgs |

Technical Specifications subject to change without notification

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www.samlex.com or www.samlex-solar.com