

## IDC SERIES DC-DC CONVERTERS

### FEATURES

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

### APPLICATIONS

- Earth moving equipment
- Heavy trucks
- Buses
- Marine
- Solar
- Forklift



**360 Watts, fully isolated**

### TECHNICAL SPECIFICATIONS

| Model  | <b>IDC-360B-12</b>   |
|--|--|
| Input Voltage Range  | 20 - 35 VDC  |
| Output Voltage   | 12.5 VDC   |
| Output Current   | 30 A   |
| Input to Output Isolation                                    | Yes >400 V RMS   |
| Output Ripple & Noise  | <50mV RMS  |
| Peak Efficiency  | 85%  |
| Cooling  | By temperature controlled fan  |
| 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<br>Over Voltage on the output side<br>Over Voltage / transients on the input side<br>Reverse polarity on the input side / Over heating |
| Fuses Specs  |  |
| External Input Side Fuse<br>(Inline with "Input+ Terminal)   | 32 V, 50 A   |
| External Output Side Fuse<br>(Inline with "Output+ Terminal) | 32 V, 30 A   |
| Approval   | CE and Automotive  |
| Input / Output Connections                                   | Quick Connect male 6.3 mm  |
| Dimensions (LXWXH)   | 190,5X132X82 mm  |
| Weight   | 1,4 Kgs  |

Technical Specifications subject to change without notification

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