



DC 48-12 V Step Down Converter with 6 ft. Barrel Jack Cable

Part #216240

\$159.99

This DC Step Down Converter is designed to be used when a vehicle or machinery is operating above 24V DC voltage. It is designed for 48 VDC but can tolerate dips and spikes from 18VDC and up to 60VDC and it will continue to output clean and consistent power.

The include 9 foot input cable is pre-terminated with terminals to plug directly into the conversion box. This can be trimmed to size to fit directly onto the common battery bus or directly into an auxiliary power circuit in a vehicle or on machinery.

The included 6 foot output cable is pre-terminated with terminals and a barrel jack that fits common 12V products from ProClip USA.

Features

- For installation into vehicle power supply
- Works with forklifts and other vehicles that use up to 48 volt direct current (VDC) power systems.
- Input surge voltage of up to 60 VDC.
- Converts 60V, 48V, 36V, 24V, and 18V systems to 12V
- 36W continuous output

Compatibility

- Zebra ET50/51/55/56 10.1
- Zebra ET50/51/55/56 8.3 and 8.4
- Zebra ET51 8.4" with 1D/2D Barcode Scanner

Specifications

- **Input Voltage:** 48VDC nominal (12V to 60V)
- **Output Voltage:** 12dc +/-10%
- **Continuous Current Rating:** 12V at 3A
- **Intermittent Current Rating:** 12V at 6A for a maximum of 2 minutes followed by 8 minute rest
- **Transient Voltage Protection:** Meets ISO7637-2 International Standard for 24Vdc Commercial Vehicles
- **Electro Static Voltage Protection:** Meets ISO10605, ISO14982, >8kV contact, 15kV discharge
- **Output Noise:** <50mV pk-pk at continuous load
- **Off load current (quiescent current):** <30mA. If connected to the battery, but not powering any equipment
- **Power Conversion Efficiency:** Typically 80%
- **Operating Temperature:** -25°C to +30°C to meet these specs. +30°C to +80°C de-rate linearly to 0A
- **Storage Temperature:** -25°C to +100°C

Mounting Options



Pedestal Mounts



Custom Vehicle Mounts



Forklift Mounts