

## Wide input DC voltage range adapters - Hard to find

Part # GE3619-05

### Description

The **CEDA** Modular DC-DC Power Adapter provides a regulated DC voltage output to power laptop and other devices from any 9-36 and 9-80 Vdc source. Voltage spikes or surges occurring on the input voltage line are filtered by the adapter eliminating the possibility of damage to the laptop due to supply voltage variations. The adapters are housed in rugged aluminium enclosure for durability and the internal components are epoxy sealed for shock, vibration and dust resistance.



### Features

Rugged modular design DC-to-DC converter. The rugged design of CEDA power adapter make them ideally suited for use in harsh mobile environments. DIN Sockets for connecting input/output cabling. User defines Input/Output cabling that best suits his installation. Flanged ends for easy solid mount installation. Wide input voltage range of 12-36VDC.

**Specially designed for Mobile environment for all popular laptop including:** Panasonic, Dell, Motion, Xplore, HP, IBM-lenovo, Toshiba, Acer, Fujitsu, Gateway and most others. No customer configuration required. Cables are detachable and field replaceable and are available in long input or output cable lengths. Electrical safeguards that protect laptop and adapter. Dependable, continuous operations at rated power. Rugged packaging - suitable for harsh environments.

Adapters available for 12, 24, 36, 46 and 80V DC input.

There are a wide variety of cable combinations available from CEDA for this adapter.  
**Please contact us for assistance.**

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### Specification:-

**Input DC voltage range:** 12-36V

**Input Low voltage** - If battery voltage is below 9volt the adapter will turn off [this will avoid Battery drain/discharge]

**Input Protection:** Reverse Polarity

**load dump protection** (useful automotive application)

Designed to meet ISO 7637

**Output protection:** short circuit, output over voltage

**Output current:** up to 5 amps (max.)

**Output Power:** 100watts

**Operation:** soft start over current with auto recovery

**Indicators:** LED for Input and Output - optional

**Drop down & vibration test:** 4 feet

**Input Noise Filter:** EMI/RFI - designed to meet MIL STD 810F,  
MIL STD-12750, MIL STD-461E

**Temp. Range (operating) -** -20° to +60°C

**Temp. Range (non-operating)** -55° to +100°C

**Over Temperature Shutdown-** stays OFF till its cooled down to safe temp.

**Humidity Range:** 0 to 95%, non-condensing

**Altitude Range:** 1 to 10,000 metres

**Dimension:** 9.2" x 3.3"x 2.2"

**Weight:** 0.85 kg approx.

**Application:** Automotive Systems

**Compliances:** Designed as per Mil STD 810F and 461E

**Input and Output Termination:** Through POWER DIN Socket

**Mounting:** Flanged ends for easy mounting

**EOL:** 10 years

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