FULLY RUGGED DC/DC POWER ADAPTER

DE2045-1320



FEATURES

- Input Undervoltage Shutdown: Shutdown if input voltage less than 10.5 VDC
- Output Overcurrent Shutdown: Shutdown at approximately 6.0 ADC
- Thermal Protection: Yes
- Automatic Restart: Unit resets automatically 12 seconds after fault is removed
- Operating Temperature: -20 to +50° C
- Storage Temperature: -40 to +85° C

TECHNICAL SPECIFICATIONS

- Input Voltage — 11-16 VDC
- Output Voltage — 19.5 VDC
- Total Load Current — 4.5 amps
- Input Power Indicator: Green LED on cigarette plug
- Output Power Indicator: Green LED on adapter
- Weight (approx.) — 0.85 pounds (0.385 kg) excluding cables
- Dimensions (approx.) — 5.5 x 3.0 x 1.1” (139.7 x 76.2 x 27.9 mm) excluding cables
- Input Cable — detachable 36” cable with cig plug
- Output Cable — detachable 41” cable with a Bondi connector

The Lind DC/DC Auto Power Adapter (DE2045-1320) is designed to power compatible Dell laptops and tablets, and charge each battery from a DC voltage power source. The adapter, which provides up to 90 watts of continous power, communicates with the Dell laptop or tablet to allow battery charging. This communication is necessary to charge the Dell battery and keep it charged.

The adapter works by simply plugging in the accompanying input cable into the automobile’s cigarette lighter socket and the output cable into the power jack of the laptop or tablet to power it and charge its internal battery. The DC/DC Auto Power Adapter converts the input power to the appropriate DC voltage required by the Dell laptop or tablet. Voltage spikes or surges occurring at the power source are filtered and regulated by the adapter to protect the device from voltage fluctuations.

Lind Power Adapters incorporate the highest degree of circuit protection for your laptop or tablet and the adapter itself. The adapter’s electronics are housed in a rugged plastic case, filled and sealed with epoxy potting material. This protects the adapter from potential damage by shock, vibration, water and dust, and also guarantees improved heat dissipation.

For more information on our extensive portfolio of mobile power solutions, please visit us at **www.lindelectronics.com**.

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