ISOLATED DC/DC POWER ADAPTER

Model: DE2045I-2542



FEATURES

- Electrical isolation prevents ground loops; isolation also allows negative voltage output from power source to be used positively (when required)
- Rugged aluminum housing
- Flanged end plates for easy mounting
- Low Input Voltage Disconnect
- High Input Voltage Disconnect
- Output Short Circuit Protection
- Output Over-current Protection
- Internal Over temperature Protection
- Automatic Restart 10 seconds after Fault Removal
- LED Output Power Present Indicator on Adapter
- LED flash rate identifies fault
- Reverse polarity disconnect
- 1-year warranty

TECHNICAL SPECIFICATIONS

- Input Voltage Range: 20 to 60 VDC
- Output Voltage: 20.0 VDC
- Output Power: Up to 90 watts
- 500 VDC Input/Output Isolation (output tied to chassis)
- Operating Temperature: -20° to +40° C
- Storage Temperature: -40° to +85° C
- Enclosure: Extruded Aluminum
- Finish: Black Anodized
- Weight (Approx.): 1.25 pounds (0.566 kg) excluding cables
- Dimensions (Approx.): 9.3 x 3.0 x 1.15 inches (236 x 76 x 29 mm) excluding cables
- Mounting Hole Size: 0.20 inch (5.0 mm)

The Lind DE2045I-2542 is an Isolated DC/DC Power Adapter designed to power your Dell compatible computer. The adapter incorporates the highest degree of circuit protection for your rugged laptop and the adapter itself.

This isolated adapter provides a regulated DC output to power laptops and peripherals from a DC voltage source. Voltage spikes or surges occurring on the input voltage line are filtered by the adapter, thus eliminating potential damage to your powered device. Electrical isolation between input and output prevents ground loops and allows the negative voltage output from the power source to be used positively, when required.

The rugged design of the DE2045I-2542 adapter makes it ideally suited for use in harsh conditions. The adapter's electronics are protected in a rugged aluminum case, filled and sealed with epoxy, that protects the electronics from damage caused by shock and/or vibration. Efficient power conversion circuits with extensive protection circuitry provide reliable and continuous power in the most demanding environments.

This Lind Power Adapter incorporates field-replaceable input and output cables, thus, making servicing easy and efficient.

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

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