ISOLATED DC/DC POWER ADAPTER

DE2045i-3390



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

TECHNICAL SPECIFICATIONS

- Input Voltage Range: 20 to 60 VDC
- Output Voltage: 20 VDC
- Output Power: Up to 90W
- 500 VDC Input/Output Isolation (output tied to chassis)
- Operating Temperature: -20º to +40º C
- Storage Temperature: -40º to +85º C
- Enclosure: Extruded Aluminum
- Finish: Black Anodized
- Output Cable length: 96 inches
- 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: .20 inch (5.0 mm)

The Lind DE2045i-3390 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 device 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.

Special input voltage filtering is in place for input voltage ranges of 20-60 volts of DC power. The adapter incorporates special input filtering that is designed for this highly unregulated power source.

Lind power adapters incorporate the highest degree of circuit protection for your devices and our robust design makes our products well-suited for use in rugged mobile environments and applications. The adapter's electronics are shielded by a rugged epoxy-sealed case to protect the internal circuits from damage caused by shock and/or vibration. The case is designed with a finned exterior to improve heat dissipation.

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

LIND ELECTRONICS, LLC HEADQUARTERS

14850 Deveau Place • Minnetonka, MN 55345
1-952-927-6303 • 1-800-897-8994
www.lindelectronics.com • info@lindelectronics.com