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## User's Guide Lind<sup>®</sup> Rugged AC Power Adapter



This guide provides information on using Lind ruggedized AC adapters. We strongly recommend that you read this guide before using the AC adapter even if you are already familiar with mobile devices and their power sources.

This high-quality adapter should provide years of reliable performance. The ruggedized AC adapter provides several advantages when using your electronic device.

- Rugged construction allows use of the adapter in tough operating environments.
- Sealed and potted to resist moisture and high humidity.
- Extend the life of the battery by using AC power when possible in mobile devices.
- Replaceable input and output cables.
- Operation over wide temperature range.
- Short circuit protection, fused input (non-replaceable).
- Output overvoltage and overcurrent protection.

**\*Please read the precautions noted in this manual.**

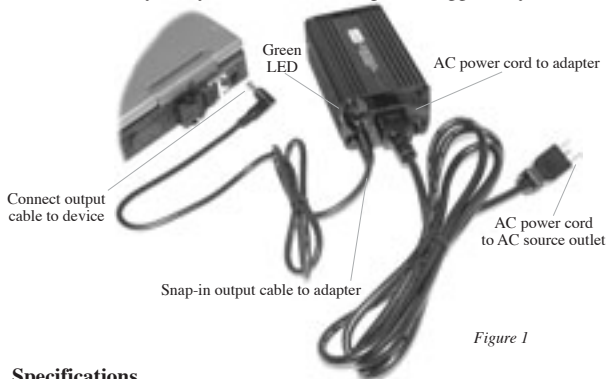
## Connecting the AC Power Adapter

To connect the AC adapter to your system: (Reference: *Figure 1*)

1. Firmly plug the snap-in connector of the DC output cable into AC adapter output jack.
2. Plug the connector of the DC output cable into the mating DC input connector on the electronic device.
3. Plug the AC power cord into the AC adapter.
4. Plug the outlet end of the AC power cord into your AC wall outlet.
5. Confirm that the green "Output Present" LED is on and that the AC adapter is now supplying power to the device.

This connection sequence may be altered without an effect on operation.

You can now use your system with external power supplied by the AC adapter.



*Figure 1*

### **Specifications**

Input voltage	90 - 264 volts AC
Frequency	47-63 hertz
Input current	1.5 amperes maximum
Output voltage	See adapter label
Output current	See adapter label
Weight	22 ounces
Size	4.7 x 2.7 x 1.7 inches

### **Environmental**

Operating ambient temperature*	-40°C to +40°C
Storage temperature	-40°C to +85°C
Operating relative humidity	5 - 95% non-condensing
Ripple & noise	2% maximum
Load regulation	+/-5% maximum

\*Operation below 0°C may result in higher ripple voltage until adapter has warmed.

## Caution

When using the Lind ruggedized AC adapter, follow the precautions below.

- When using the AC adapter use a power cord conforming to local safety standards.
- The rated input voltage is between 90 VAC and 264 VAC. The input voltage need not be changed with a transformer or the like.
- Never attempt to disassemble or modify the AC adapter.
- In the event of failure, contact a Lind service representative.
- Never use a multi-plug adapter to plug multiple power plugs in the same outlet. If it is used, a short circuit or electric shock may result.
- The metal case of the adapter can get quite warm during normal use, particularly when operating in high ambient temperatures. Use caution when handling and mounting the adapter. Do not cover or restrict airflow around adapter in any manner. Excessive adapter temperature may result.
- Do not damage, stretch, or excessively bend the power cord. A fire or electric shock may result.
- If you detect smoke or unusual smell, turn the computer off and unplug the power plug immediately. Contact a Lind service representative.
- When unplugging the power plug, grasp the plug, not the cord. Pulling the cord forcibly can damage the cord and consequently cause a fire or electric shock.
- Never attempt to plug or unplug the power plug or the connector of the AC adapter when your hands are wet. An electric shock may result.

## Troubleshooting

If the AC adapter is not supplying power to your computer, check the following:

- Ensure that power is supplied to your AC wall outlet.
- Ensure that the AC power cord is firmly plugged into the AC adapter and the AC wall outlet. Ensure that the green "Output Present" LED is on.
- Ensure that the DC power cord is firmly seated in the DC input connector of the laptop and that the snap-in connector is firmly seated in the AC adapter.

## **For service, Contact:**

**Lind Electronics, Inc. #800-659-5956 or #952-927-6303**