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## HIGH POWERED AUTO POWER ADAPTER

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For assistance call Lind Technical Support at (800) 659-5956 or (952) 927-6303.

## **INSTALLATION INSTRUCTIONS**

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Proper installation will ensure safe, reliable operation of the LIND High Powered Auto Power Adapter. The adapter comes with an input cable with two conductors. The red (or white) wire is positive and the black wire is negative. This adapter can potentially draw more current than a cigarette lighter circuit can provide. This is why direct wiring is required and a cigarette plug is not provided. The adapter input must be connected to the vehicle battery through a fused circuit rated at 20-30 amps. If you need to extend the input cable use the table below to determine the minimum wire gauge by adding the ground wire length and positive wire length for the total cable length.

Install the power adapter in a location that allows for air flow around the adapter. Covering the power adapter and restricting airflow may cause the adapter to overheat and shut down. This adapter is not intended to be installed in the engine compartment or any other place where it can be exposed to moisture or excessive heat.

## **OPERATING INSTRUCTIONS**

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Connect the adapter's input cable to a battery source as indicated in the installation instructions. The output cable plugs directly to the jack on the laptop or mobile device where the AC power supply's output is normally connected. The LED in the adapter housing indicates that power to the output cable is present. If the LED does not light, check the battery source or the fuse located on the adapter body. If the unit is equipped with a detachable output cable, ensure that it is fully seated into the adapter body.

## **TECHNICAL INFORMATION**

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Power Input	Noted on Label
Power Output:	Noted on Label
Input Fuse:	Auto Mini (replace with same fuse as in adapter)
Indicator:	LED on adapter (output power present)
Features:	Output Short Circuit Protected Output Current Limit Internal Overtemperature Shutdown Automatic Fan On/Off Cooling Low Input Voltage Shutdown High Input Voltage Shutdown Automatic Reset of Safety Shutdown

# COMMON QUESTIONS FOR THE HIGH POWERED AUTO POWER ADAPTER

**Q: If the output LED on the adapter does not light when plugged in, what is wrong?**

A: Check the fuse on the adapter to see if it is blown. It is also possible that one of the safety circuits in the adapter has been activated. Check the battery or fuse panel fuse to see if it is blown.

**Q: Is it normal for the adapter to get warm in use?**

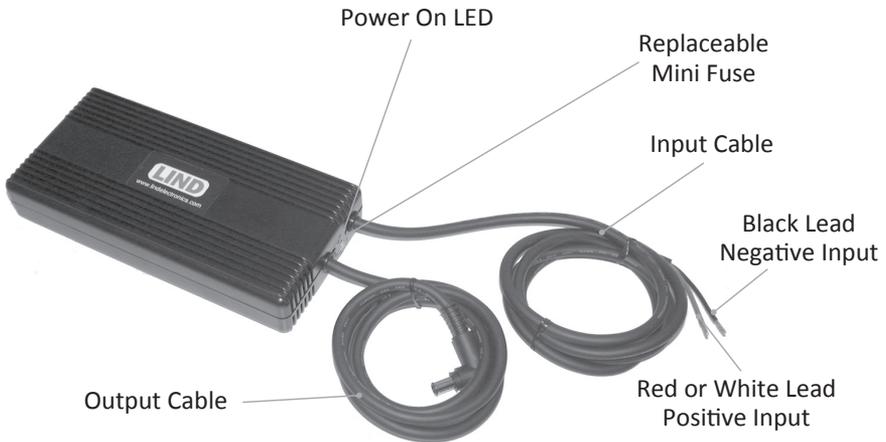
A: Yes. Restricted air flow around the adapter may even cause the adapter to overheat and shut down. This is a safety feature and does no harm to the adapter or your computer. Before the adapter will overheat an internal fan will turn on to cool the adapter. It is important not to restrict the fan's air vents. Do not place the adapter in the automobile glove compartment or cover it with anything in such a way that heat can not dissipate.

**Q: Does it matter which cable gets plugged in first?** A: No.

**Q: Can I plug the computer in when it is running?** A: Yes.

**Q: Is it OK to start or stop the automobile engine with the adapter plugged in?**

A: Yes, but do not jump start the automobile with the adapter in place. Many jump start systems use high voltages that will normally shut down the adapter output but extreme voltage spikes may damage the adapter circuitry. Starting the Automobile may turn the adapter off. After a ten second delay, the adapter will start back up.



<b>Total Cable Length (ft)</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>	<b>35</b>	<b>40</b>
<b>Wire Gauge (AWG)</b>	<b>14</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>6</b>

Replacement fuses can be obtained from Lind or from an auto parts store.

## LIMITED WARRANTY

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Lind Electronics, Inc. (LIND) warrants the circuit assembly portion of products manufactured by it to be free of defects in material and workmanship for a period of 1 year from the date of purchase under normal use. During this warranty period, LIND will, at its option, repair or replace the product at no charge for parts or labor when the product is returned postage paid as a complete unit to LIND. Proof of purchase and a letter explaining the problem must accompany the returned unit.

This warranty does not apply if any part of the adapter, its cables or connection jacks have been altered, subjected to abuse, accident or misuse. This warranty excludes incidental or consequential damage resulting from the product or the use of the product. This warranty is in lieu of all other warranties expressed or implied and no person is authorized to assume for LIND any other liability in conjunction with this product. The warranty gives you, the purchaser, specific legal rights and you may have other rights which may vary from state to state and country to country.

The LIND product you are purchasing has not been designed for, or certified for use in, life support applications. Any such use is at your own risk. LIND ELECTRONICS, INC. HEREBY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Lind Electronics, Inc. will not be liable for any claims, awards, damages or other liability arising out of the use of LIND products for life support applications whether in the nature of direct, indirect, consequential, special or punitive damages.



**Lind Electronics, Inc.**

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