

## SPECIAL USE WARNING

Do not use this adapter with a lighter plug splitter or extender cable. These devices can cause the adapter cigarette lighter plug to become very hot. The plastic case of the splitter receptacle traps the heat in the plug and does not allow it to dissipate.

## LIMITED WARRANTY

Lind Electronics, LLC. (LIND) warrants the circuit assembly portion of products manufactured by it to be free of defects in material and workmanship for a period of 3 years\* 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, LLC. 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.

*\*1 year warranty on custom built adapters and adapters with permanently attached (hardwired) cables.*

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## MIL-STD 100W USB-C POWER ADAPTER

The Lind Electronics MIL-STD USBC power adapter is designed to deliver continuous, reliable power to your mobile power devices that use a USB-C input connector for power. The USBC power adapter is capable of providing a maximum of 100 Watts and uniquely designed to meet rugged military specifications.



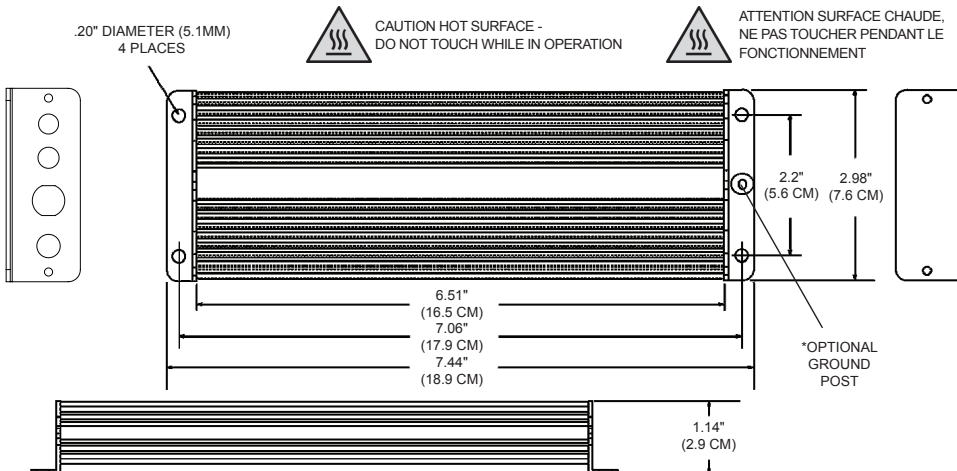
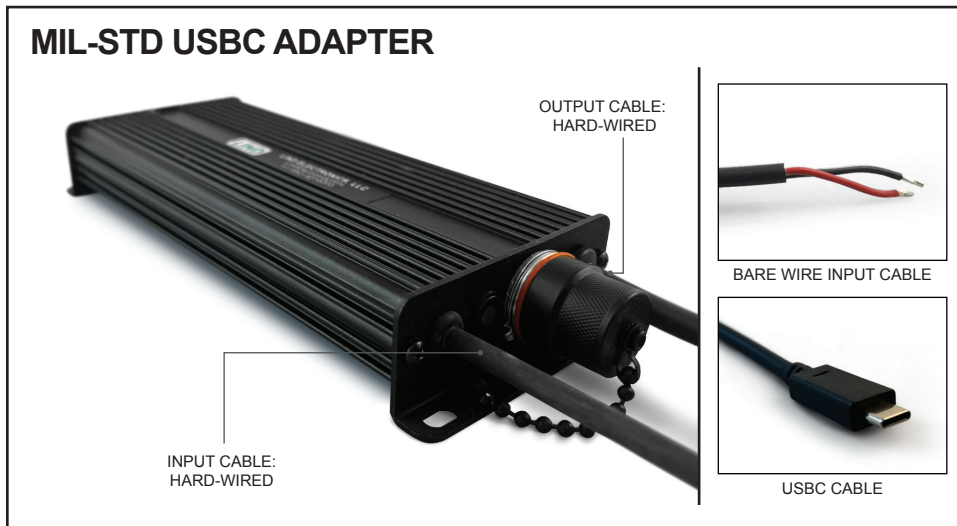
- Rugged laptop power adapters designed to meet electrical and environmental standards of MIL-STD461G, MIL-STD1275D, and MIL STD810H
- Full continuous rated power output.
- Power adapters available for most laptop models.
- 12 to 32 VDC input power range.
- Sealed and potted in aluminum extrusions for the harshest operating environments.
- Power connections available for NATO Slave, BA5590 battery, cigarette lighter or a custom specified connector.

## OPERATING INSTRUCTIONS

Install the power adapter in a location that allows for air flow around the adapter. Restricted air flow around the adapter may cause the adapter to overheat and shut down. This is a safety feature and will not harm the adapter or your device. Do not mount the adapter in such a way that heat cannot dissipate. 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.

The adapter is provided with flanged ends that have pre-drilled holes for mounting. See the drawing below for mounting dimensions. Choose a mounting place where damage can not occur to the adapter or any critical wiring in vicinity.

The input cable will be supplied with a pre-specified power input connector or it may be supplied with bare wire leads for direct input voltage connection or to an appropriate mating connector of user's discretion. When bare wire leads are provided, the black wire will always be common ground (-negative). The input connector is then plugged into the appropriate mating connector of the DC voltage source. The output cable plugs directly into the DC input jack of the laptop or device.



## TECHNICAL INFORMATION

### DC Input Characteristics

<b>Input:</b>	12-32 VDC
<b>EMI/RFI Characteristics:</b>	Meets MIL-STD461G, CE102, CS101, CS114, CS115, CS116, CS118, RE102, RS103
<b>Input Transient Protection:</b>	Meets MIL-STD-1275D, Voltage Surge +100 VDC, Voltage Spike ±250 VDC
<b>Low Input Voltage Shutdown:</b>	Auto Recovery
<b>High Input Voltage Shutdown:</b>	Auto Recovery
<b>Reverse Polarity:</b>	Auto Recovery

### DC Output Characteristics

<b>Output Voltage:</b>	5-20 VDC
<b>Short Circuit Protection:</b>	Auto Recovery
<b>Noise and Ripple:</b>	Meets MIL-STD-1275D

### Physical and Environmental Specifications

<b>Operating Temperature:</b>	-40 to +50° Centigrade
<b>Storage Temperature:</b>	-40 to +85° Centigrade
<b>High Temperature:</b>	Meets MIL-STD-810H, Method 501.4
<b>Low Temperature:</b>	Meets MIL-STD-810H, Method 502.4
<b>Shock:</b>	Meets MIL-STD-810H, Method 516.5, Procedure I
<b>Altitude:</b>	Meets MIL-STD-810H, method 500.4, Proc. II
<b>Vibration:</b>	Meets MIL-STD-810H, Method 514.5, Procedure I, Category 20 Ground Vehicles
<b>Humidity:</b>	Meets MIL-STD-810H, Method 507.4
<b>Ingress Protection:</b>	Meets IP65
<b>Enclosure:</b>	Extruded Aluminum
<b>Finish:</b>	Black Anodized
<b>Weight:</b>	32 ounces (0.7kg)
<b>Dimensions:</b>	7.44 x 2.98 x 1.14 inches (18.9 x 7.6 x 2.9 cm)
<b>Mounting Hole Size:</b>	0.20 inch (5.1 mm)

Following information is only for EU-member states:

*The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.*



Contact Lind at (800) 659-5956 or via email at [techsupport@lindelectronics.com](mailto:techsupport@lindelectronics.com) to place an order or for help with any questions.