

UTILITY PRODUCT CATALOG

RUGGED. RELIABLE. RESPONSIVE.™

TABLE OF CONTENTS

ABOUT LIND ELECTRONICS	3
FAQS	4
WHY LIND?	5
POWER ADAPTERS/MODULES	6
SHUT DOWN TIMERS	18
OTHER SOLUTIONS	24
WARRANTY	30



*MOUNT IT. **POWER IT.** CARRY IT.*



Lind Electronics is part of the Gamber-Johnson tree. Gamber-Johnson is a global name known for providing industry-leading mounting solutions to support many, diverse industries, most notably the public sector, material handling, logistics, and enterprise. The GJ portfolio of product offerings has grown with strategic additions to our family of brands to support a broader offering and full service mounting, powering and carrying solution.



From humble beginnings, our passion for innovation propelled us to the forefront of the industry, earning Lind Electronics a reputation for reliability and durability.

YOUR TRUSTED MOBILE POWER SPECIALISTS

In the heart of innovation's crucible, Lind Electronics was forged—a beacon of power and precision amidst the dynamic landscape of mobile technology. Founded in 1975 by the visionary Leroy Lind, our journey began in the basement of his Minnetonka home. It was under the name Modular Instruments Company where the seeds of ingenuity were sown.

In 1984, Leroy moved out of his basement and changed the name to Lind Electronic Design Co., Inc. It was during this time Lind became active in the Apple community and Leroy started to receive requests from Apple for products to use for their first "portable" computers. In 1989, Lind introduced a battery pack for Apple Computers.

With a fervent belief in the transformative potential of portable power, Lind Electronics embarked on a quest to redefine the possibilities of mobile computing. Armed with a pioneering spirit and a commitment to excellence, we set out to create power solutions that would fuel the aspirations of a rapidly evolving world.

From humble beginnings, our passion for innovation propelled us to the forefront of the industry, earning

Lind Electronics a reputation for reliability and durability.

As the digital revolution swept across the globe, our power adapters became indispensable companions to professionals navigating the frontiers of technology. With each passing year, Lind Electronics expanded its horizons, diversifying its product offerings to serve a multitude of industries. From public safety to transportation, military to healthcare, our power solutions found homes in the most demanding environments, powering missions critical to the fabric of society.

Driven by a relentless pursuit of excellence, Lind Electronics continues to push the boundaries of possibility. Our commitment to innovation knows no bounds, as we leverage cutting-edge technology to engineer power solutions that surpass expectations and defy limitations.

As we look to the future, Lind Electronics remains steadfast in its mission to empower the world with uncompromising power solutions. With a rich history steeped in innovation and a vision poised for the next frontier, we stand ready to illuminate the path forward, one charge at a time.

FOLLOW US FOR UPDATES AND NEWS



@LindElectronics



@Lind-Electronics



@LindElectronics

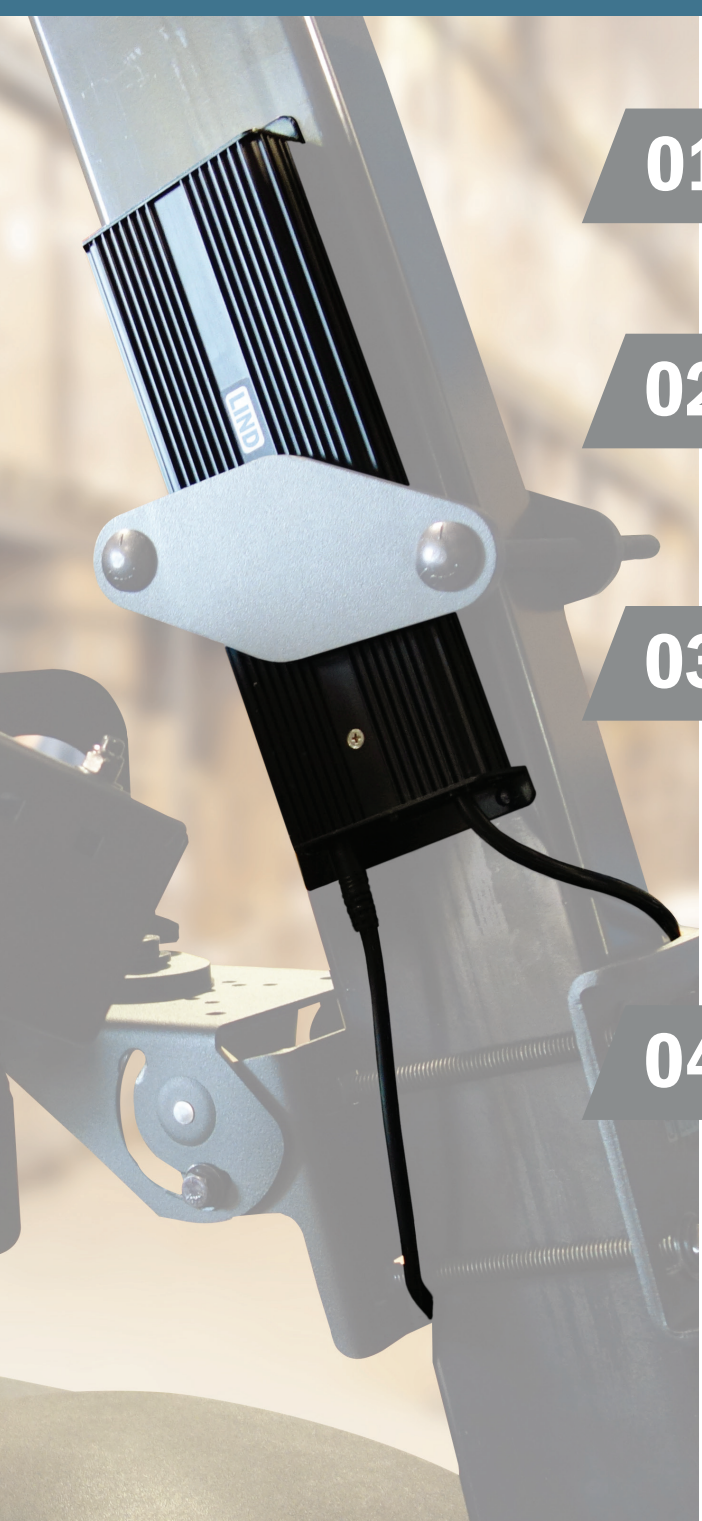
Want to stay in the loop with the latest innovations in power adapter technology? Follow Lind Electronics on social media and be the first to know about our cutting-edge products, exclusive updates, expert tips and industry insights!

HASHTAG:

#LindElectronics #RuggedReliableResponsive
#TeamLind #MobilePowerSpecialists

MOBILE POWER SOLUTIONS FOR UTILITY APPLICATIONS

At Lind Electronics, we understand the critical role that reliable power plays in keeping your utility applications and equipment running smoothly. That's why we're proud to offer our cutting-edge mobile power solutions designed specifically for utility use. Our rugged and dependable power adapters ensure your applications stay charged and operational, minimizing downtime and maximizing productivity. To narrow down the best solution for your needs, begin by asking yourself these important questions:



01

WHAT DEVICE IS BEING POWERED?

Identifying your device ensures that you get the correct power adapter to support your specific need and desired connectivity.

02

WHAT IS THE VEHICLE'S VOLTAGE?

By knowing the voltage or power requirement of your utility application we can ensure that you get the appropriate power supply for your specific need.

03

ARE LIND POWER ADAPTERS COMPATIBLE WITH MY DEVICE?

We offer a wide range of power adapters that are compatible with most laptops, tablets, and other electronic devices. Please check our product specifications or contact our customer support team for assistance in finding the right adapter for your device.

04

DOES LIND OFFER CUSTOM POWER SOLUTIONS?

Yes, we provide custom power solutions tailored to meet your specific needs. Our engineering team works closely with customers to develop power solutions that address unique requirements and challenges. Contact us to discuss your custom power needs.

EXPLORE LIND'S

UTILITY POWER SOLUTIONS

Why Choose Lind Electronics for Your Forklift Power Needs?



1. RUGGED DURABILITY

Our power solutions are built to withstand the toughest conditions. Whether operating in a warehouse, distribution center, or outdoor facility, Lind Electronics products are engineered for longevity and resilience.



2. HIGH-EFFICIENCY PERFORMANCE

Designed to deliver consistent and high-performance power, our adapters ensure your forklifts remain operational throughout the workday. Say goodbye to frequent battery changes and unexpected downtime.



3. INCREASED PRODUCTIVITY

By reducing downtime and maintenance needs, our power solutions help you maximize productivity and keep your operations running smoothly. Focus on what matters most — getting the job done efficiently.

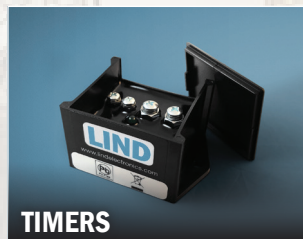


4. EASY INTEGRATION

Lind Electronics power adapters are designed for seamless integration into your existing forklift systems. Installation is straightforward, and our solutions are user-friendly, ensuring minimal disruption to your operations.



**ISOLATED
ADAPTERS**



TIMERS



**BATTERY
CHARGERS**



**USB-C
ADAPTERS**

A scenic landscape featuring a paved road that curves into the distance. To the left of the road, a series of utility poles with power lines stretches across the frame. The background consists of rolling green fields and a range of mountains under a clear blue sky with a few wispy clouds. The entire image has a semi-transparent blue overlay, particularly on the left side where the text is located.

POWER ADAPTERS

**MAINTAIN POWER IN YOUR UTILITY APPLICATIONS SO YOUR
TABLET OR LAPTOP CAN WORK AS LONG AS YOU DO.**

Lind Electronics is renowned for manufacturing high-quality power adapters, which are specifically designed to meet the rigorous demands of utility applications. Our power adapters are known for their reliability, durability, and efficiency, making them a preferred choice for powering a wide range of devices, including laptops, tablets, and ruggedized equipment. Lind power adapters often feature advanced protection mechanisms, such as over-voltage, over-temperature, and short-circuit protection, ensuring the safety and longevity of both the adapter and the connected devices. Additionally, they are designed to operate under extreme conditions, making them suitable for use in harsh environments.



AUTO POWER ADAPTER (90 - 120W)

FEATURES

- Low Input Voltage Disconnect
- High Input Voltage Disconnect
- Output Short Circuit Protection
- Output Overcurrent Protection
- Internal Over Temperature Protection
- LED on adapter indicates output power is present
- LED on cig plug indicates input power is present (most models)
- Output power up to 120W
- Low EMI
- Custom cable options available

TECHNICAL INFORMATION

- POWER INPUT: Noted on label
- POWER OUTPUT: Noted on label
- INPUT FUSE: Auto Mini (noted on label)
- INDICATORS: LED on automobile plug (input present); LED on adapter (output present)



Power your PC laptop or notebook computer from your vehicle using a Lind Auto Power Adapter. These adapters are built to work with specific laptop brands and models to ensure the highest level of compatibility and performance when charging your mobile computer.

Lind's Auto Power Adapters are designed to accept input voltages from 11-16 volt DC or 12-32 volt DC power sources, including automobiles, military vehicles or batteries. Output voltages and connectors are available to power nearly all laptop computers currently in use. Custom input and output characteristics can be programmed into the adapters for special applications.

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.

AUTO POWER ADAPTER (70W)



Charge your laptop from the ground or in the air using a Lind Auto Power Adapter. These adapters charge laptops requiring 70 watts of power or less*.

Lind's Power Adapters are designed to accept input voltages from 11-16 volt DC or 12-32 volt DC power sources, including automobiles, military vehicles or batteries. Output voltages and connectors are available to power nearly all laptop computers currently in use. Custom input and output characteristics can be programmed into these adapters for special applications.

Special connector, packaging and mounting configurations are available (contact a Lind Sales Representative).

Lind Power Adapters incorporate the highest degree of circuit protection for your laptop or tablet and the adapter itself. The adapter's electronics are housed in a rugged aluminum or plastic case, filled and sealed with epoxy potting material.

**The power provided on commercial flights is limited to 75 watts and is subject to availability on aircraft. Contact your airline for in-seat power availability on your flight.*

FEATURES

- Low Input Voltage Disconnect
- High Input Voltage Disconnect
- Output Short Circuit Protection
- Output Overcurrent Protection
- Internal Over Temperature Protection
- LED on adapter indicates output power is present
- LED on cig plug indicates input power is present (most models)
- Output power up to 70W
- Custom cable options available
- Aluminum or plastic extrusion available

TECHNICAL INFORMATION

- DIMENSIONS (APPROX.): 4.1 x 2.4 x 1.3 inches (104 x 61 x 33 mm) excluding cables
- WEIGHT (APPROX.): .58 pounds (.26 kg) excluding cables
- INPUT VOLTAGE RANGE: 11 - 16 VDC or 12 - 32 VDC (depending on model)
- OUTPUT VOLTAGES AVAILABLE: 9 - 24 VDC (others available - contact Lind)
- INPUT FUSE: 3AG in input cable

MICRO POWER ADAPTER

FEATURES

- Output Short Circuit Protection
- Output Overcurrent Protection
- Internal Over Temperature Protection
- Automatic Restart after Fault Removal (most models)
- Field Replaceable Cables (most models)
- LED Output Power Present Indicator on Adapter
- LED Input Power Present Indicator on Cig Plug (most models)
- Output power up to 24W
- Custom cable options available

TECHNICAL INFORMATION

- DIMENSIONS (APPROX.): 3.7 x 1.7 x .9 inches (94 x 43 x 23 mm) excluding cables
- WEIGHT (APPROX.): .26 lbs (.12 kg) excluding cables
- INPUT VOLTAGE RANGE: 11 - 16 or 12 - 32 VDC (depending on model)
- OUTPUT VOLTAGES AVAILABLE: 3.3 - 24 VDC (others available - contact Lind)
- INPUT FUSE: 3AG in input cable



Lind's Micro Power Adapters are designed to charge devices requiring a maximum of 24 watts of power or less. Its compact and lightweight design makes the Micro Power Adapter easy to install in tight and narrow spaces.

The Micro Power Adapter provides special safety circuitry to protect both your laptop and the adapter. Power conversion circuits with extensive protection circuitry provide reliable and continuous power to your laptop.

Each Micro Power Adapter's electronics is shielded by an epoxy-sealed case to protect the internal circuits from damage caused by shock and/or vibration. Its durable construction withstands extensive wear and tear in any harsh mobile environment. And snap-in connections make replacing missing or damaged cables in the field easy and hassle-free.

Lind Power Adapters incorporate the highest degree of circuit protection for your laptop or tablet and the adapter itself. The adapter's electronics are housed in a rugged plastic case, filled and sealed with epoxy potting material.

MOUNTABLE POWER ADAPTER



Lind Mountable Power Adapters (80 - 120 watt series) are designed for installation to a flat surface area without the use of clamps, brackets or tie wraps. Slotted screw holes are molded in each corner for easy installation.

Lind's Mountable Power Adapters adjust, condition and regulate the power from the input to the correct DC voltage required for proper operation of the laptop. Voltage spikes or surges occurring on the voltage line are filtered by the adapter to eliminate the possibility of damage to the laptop due to input voltage variations.

Lind Power Adapters incorporate the highest degree of circuit protection for your Toughpad and the adapter itself. The adapter's electronics are housed in a rugged plastic case, filled and sealed with epoxy potting material. This protects the adapter from potential damage by shock, vibration, water and dust, and also guarantees improved heat dissipation.

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

FEATURES

- Low Input Voltage Disconnect
- High Input Voltage Disconnect
- Output Short Circuit Protection
- Output Overcurrent Protection
- Internal Over Temperature Protection
- Automatic Restart 10 seconds after Fault Removal
- Field Replaceable Cables (most models)
- LED Output Power Present Indicator on Adapter
- LED Input Power Present Indicator on Cig Plug (most models)
- Mountable housing using four #8 screws (not included)
- Output power up to 120W
- Custom cable options available

TECHNICAL INFORMATION

- INPUT VOLTAGE — 11 - 16 VDC or 12 - 32 VDC (depending on model)
- OUTPUT VOLTAGE — 10 - 24 VDC (others available - contact Lind)
- INPUT FUSE — 15A ATO Mini in adapter
- WEIGHT (APPROX.) — .86 lbs (.39 kg) excluding cables
- DIMENSIONS (APPROX.) — 5.61 x 3.05 x 1.03 inches (143 X

DUAL USB-A/USB-C OUTPUT ADAPTER

FEATURES

- DUAL OUTPUTS – USB-A/USBC port (15W max) and USB-C port power delivery (up to 45W)
- USB-C POWER DELIVERY – Supports 5V/9V/15V/20V up to 2.25A
- 12V DC INPUT – Compatible with standard 12V and 24V battery applications (12-32V input)
- COMPACT & RUGGED DESIGN – Ideal for automotive, RV, and embedded use
- COMPREHENSIVE PROTECTION – Over-voltage, over-current, thermal, and short-circuit safeguards
- LED INDICATOR – Displays input power, charging, and fault status
- THERMAL MANAGEMENT – Efficient heat dissipation for stable performance

TECHNICAL INFORMATION

- INPUT VOLTAGE: 12-32 VDC
- INPUT CURRENT DRAW: 6.25A max
- INPUT FUSE: Includes 8A inline 3AG fuse
- OUTPUT POWER:
 - USB-A/USBC: 5V @ 3A (15W)
 - USBC power delivery: 5V/9V/15V @ 3A, 20V@ 2.25A (45W max)
- DIMENSIONS (APPROX): 2.75 x 2.25 x 1.0 inches (6.99 x 5.72 x 2.54 cm)
- WEIGHT (APPROX): 0.6 lbs (0.27 kg) excluding cables
- OPERATING TEMP: -20 to +45° C
- STORAGE TEMP: -40 to +85° C



The **Lind dual universal USB-C adapter** is a dual USB-C output DC/DC adapter that allows you to **simultaneously charge up to two low-power devices** (tablets, phones, digital cameras and other mobile devices) in a **cost-effective, durable design**. Simply plug the USB-C cable from your connected device(s) into one of the universal USB-C or USB-A ports on the adapter. The left port delivers 15W of power and the right port delivers up to 45W of power via USB-PD (depending on device needs).

The dual USB-C adapter will filter voltage spikes or surges on the input, protecting the downstream device from damage. The adapter is completely sealed with an epoxy potting material, protecting all critical components from shock, vibration, dust, and water ingress. These adapters are engineered to take on the toughest conditions to keep your device powered for years of use - no matter the challenge or environment.

DC/DC POE POWER SUPPLY FOR STARLINK



The Starlink High Performance Antenna delivers broadband-speed internet in even the most remote environments — but its powerful performance comes with high power demands. With features like automatic snow melt, which activates internal heating to keep the dish free of ice and snow, power draw can surge to as much as 300 watts in cold conditions.

Our custom-engineered DC-DC PoE power supply rises to the challenge by converting power from 12V battery systems (common in RVs, vehicles, marine vessels, and off-grid solar setups) into a regulated 48V output with up to 300W capacity — enough to fully power the Starlink antenna during peak heating loads and activate snow melt feature to clear dish in colder climates.

Built into a rugged, vibration-resistant enclosure, this supply is designed for reliable performance in demanding mobile deployments. Whether you're on the move or stationed in a snowy outpost, this system keeps Starlink online — and ice-free.

FEATURES

- SUPPORTS UP TO 300W PEAK LOAD – Full Starlink operation with snow melt enabled
- 12V DC INPUT – optimized for RVs, trucks, boats, off-grid battery banks
- REGULATED 48V POE OUTPUT – PoE via RJ45 jack
- ADVANCED PROTECTION – Overvoltage, overcurrent, reverse polarity, thermal shutdown
- SILENT POWER – Quiet, fanless operation
- STATUS INDICATOR – Status LED to indicate normal operation or fault conditions

TECHNICAL INFORMATION

- INPUT VOLTAGE: 12-32 VDC
- MAX INPUT CURRENT: 30A
- OUTPUT VOLTAGE: 48 VDC (VIA POE)
- OUTPUT POWER: Up to 300W
- DIMENSIONS (APPROX): 10.80 x 3.20 x 2.50 inches (27.43 x 8.13 x 6.35 cm)
- WEIGHT (APPROX): 2.6 lbs (1.18 kg) excluding cables
- OPERATING TEMP: -20 to +45° C
- STORAGE TEMP: -40 to +55° C

USB-C POWER ADAPTER

FEATURES

- Low Input Voltage Cut Off (LIVCO)
- 10-sec LIVCO delay
- High Input Voltage Cut Off
- Output Overcurrent Protection
- Internal Over Temperature Protection
- VBUS to CC short protection
- High Output Voltage Limit
- Automatic Restart of Adapter
- ESD protection on VBUS, CC lines
- Full current-limiting capability in PPS mode
- Supported USB-C Charging Protocols:
 - USB-C
 - USB PD 3.0
 - USB BC 1.2 (legacy charging)
- Custom cable options available

TECHNICAL INFORMATION

- INPUT VOLTAGE: 11-16 or 11-32 VDC
- OUTPUT VOLTAGES: 5V @ 3A, 9V @ 3A, 15V @ 3A and 20V @ 5A
- PPS (PROGRAMMABLE POWER SUPPLY) MODES:
 - 5V-16.9V (20mV increments), 0-3A (50mA increments)
 - 17-20V (20mV increments), 0-5A (50mA increments)
- OUTPUT VOLTAGE RIPPLE: 150mV at 100W load
- OPERATING TEMPERATURE: -20° to +40°C
- STORAGE TEMPERATURE: -40° to +85°C
- WEIGHT (APPROX.): 0.82 lbs (0.37 kg) excluding cables
- DIMENSIONS (APPROX.): 5.31 x 2.95 x 0.98 inches (135 x 75 x 25 mm) excluding cables



The Lind Fully Rugged 60 or 100W USB-C power adapter is designed to deliver continuous, reliable power to your mobile devices that use a USB-C input connector for power. Its rugged design combined with its safety features make this adapter ideally suited for daily use in even the most extreme environments and demanding applications.

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.

Connector Options:



Corner USB-C



Straight USB-C



Left-Angle USB-C
with screw pin



Right-Angle USB-C
with screw pin

AC/DC RUGGED COMBO ADAPTER



Lind's line of Ruggedized AC/DC Combo Power Adapters allow you to power and charge your laptop from either an AC or DC voltage source.

Each ruggedized combo power adapter comes standard in a durable aluminum case or housing that is designed to withstand harsh operating conditions, making it an ideal choice to power your laptop in demanding physical environments.

Most of these ruggedized combo power adapters feature field replaceable input/output cables with snap-in connections to make servicing easy and efficient.

FEATURES

- Withstands extreme shock and vibration
- Operation over wide temperature range
- Epoxy sealed to resist moisture and humidity
- Output overvoltage and overcurrent protection
- Replaceable input and output cables on most models
- The combo adapter can accept power from AC or DC voltage sources
- Optional 400 Hz AC adapters available
- Output power up to 120 watts
- Output short circuit protected
- Output Current Limit
- Internal overtemperature shut down (DC input only)
- Low Input Voltage Cut Off (DC input only)
- Automatic reset of safety Cut Offs
- Custom cable options available

TECHNICAL INFORMATION

- INPUT VOLTAGE: 90-264 VAC
- OUTPUT POWER: up to 90W
- FREQUENCY: 47-63 Hz (400 Hz AC adapters available)
- OPERATING TEMPERATURE: -40° to +40°C
- STORAGE TEMPERATURE: -40° to +85°C

REPLACEMENT AC ADAPTERS

FEATURES

- Universal AC Input Range
- Various DC output connectors available
- Up to 90W, 120W & 150W models available
- UL Listed and CE Marked
- Various AC cords available
- RoHS compliant

TECHNICAL INFORMATION

- INPUT VOLTAGE: 100-240 VAC
- OUTPUT VOLTAGES: 12-24 VDC
- OPERATING TEMPERATURE: -20° to +40°C
- STORAGE TEMPERATURE: -40° to +85°C
- WEIGHT (APPROX.):
 - 90W: 1.00 lbs (0.45 kg) excluding cables
 - 120W: 1.30 lbs (0.59 kg) excluding cables
 - 150W: 1.10 lbs (0.50 kg) excluding cables
- DIMENSIONS (APPROX.):
 - 90W: 5.0 x 2.25 x 1.25 inches (127 x 57 x 32 mm) excluding cables
 - 120W: 6.875 x 2.375 x 1.5 inches (175 x 60 x 38 mm) excluding cables
 - 150W: 6.81 x 2.36 x 1.5 in (173 x 60 x 38 mm) excluding cables



The Lind Replacement AC Adapter is designed to replace missing or damaged AC power supplies originally provided with your laptop. These adapters meet or exceed the laptop manufacturer's original specifications.

Each unit features a power-on LED and universal switching for 100 - 240 Vac input voltage. The device comes with a 48 inch long attached output cable supplied with a 60 inch long AC input cord.

Tips are available for most models to plug the Lind Replacement AC Power Adapter into your laptop. 90, 120 and 150 watt output versions of these adapters are available.

DC/DC POWER MODULES



The Lind DC/DC Power Module provides a regulated DC voltage output to power laptops and other devices from any 9 - 42Vdc power source. Voltage spikes or surges occurring on the input voltage line are filtered by the adapter to eliminate the possibility of damage to the laptop caused by supply voltage variations.

Power is adjusted, conditioned and regulated from the power source to the correct DC voltage required for proper laptop operation.

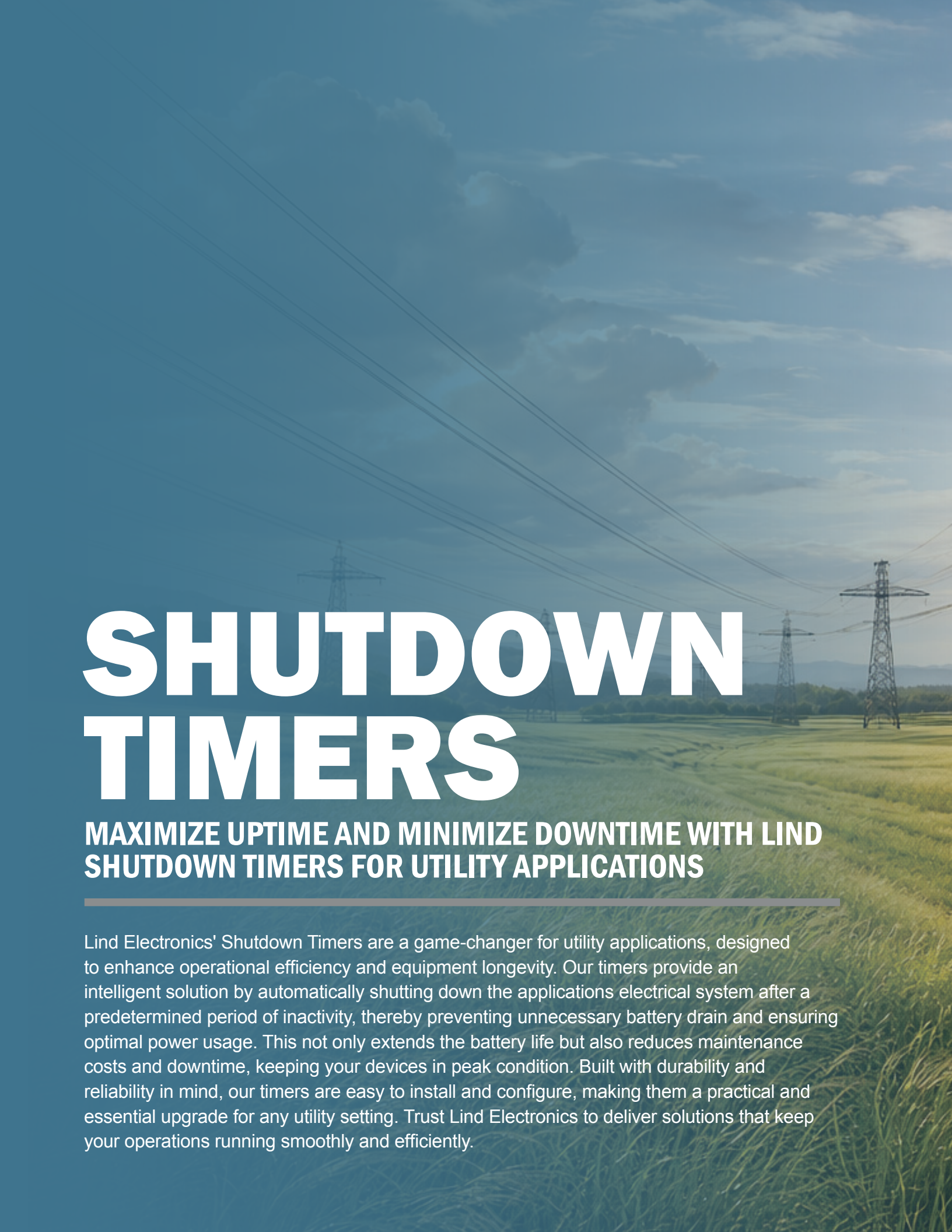
The DC/DC Power Module's electronics are shielded by an aluminum case to protect the internal circuits from damage caused by shock and/or vibration. Its durable construction withstands extensive wear and tear in any harsh mobile environment.

FEATURES

- Low Input Voltage Disconnect
- High Input Voltage Disconnect
- Output Short Circuit Protection
- Output Overcurrent Protection
- Internal Over Temperature Protection
- Automatic Restart 10 seconds after Fault Removal
- Terminal block input and output connections
- Output power up to 120W

TECHNICAL INFORMATION

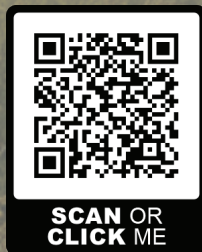
- INPUT VOLTAGE: 11 - 16 VDC, 12 - 32 VDC, or 9 - 42 VDC (depending on model)
- OUTPUT VOLTAGE: 10 - 24 VDC (others available - contact Lind)
- INPUT FUSE: External input fuse required
- OPERATING TEMPERATURE: -20° to +40°C
- STORAGE TEMPERATURE: -40° to +85°C



SHUTDOWN TIMERS

MAXIMIZE UPTIME AND MINIMIZE DOWNTIME WITH LIND SHUTDOWN TIMERS FOR UTILITY APPLICATIONS

Lind Electronics' Shutdown Timers are a game-changer for utility applications, designed to enhance operational efficiency and equipment longevity. Our timers provide an intelligent solution by automatically shutting down the applications electrical system after a predetermined period of inactivity, thereby preventing unnecessary battery drain and ensuring optimal power usage. This not only extends the battery life but also reduces maintenance costs and downtime, keeping your devices in peak condition. Built with durability and reliability in mind, our timers are easy to install and configure, making them a practical and essential upgrade for any utility setting. Trust Lind Electronics to deliver solutions that keep your operations running smoothly and efficiently.



1 ACCESS
CAMERA
ON PHONE



2 LOCATE
AND SCAN
QR CODE



3 CLICK LINK
PROVIDED
BY QR SCAN



4 VIEW OUR
PRODUCTS
ONLINE



HIGH POWER SHUTDOWN TIMER

FEATURES

- PREVENTS BATTERY DRAIN – Auto shutoff for lights, fans, inverters, radios, and more
- DC POWER ONLY – Works exclusively with 12V DC systems
- HIGH POWER – 80A capacity
- SIMPLE INSTALLATION AND SETUP – 4 mounting slots with all power terminals located on a single side
- ADJUSTABLE TIMER – Configurable shutdown delays with DIP switches
- HEAVY-DUTY BUILD – Vibration-resistant, automotive-grade components
- FAIL-SAFE OPERATION – Low/high voltage protection and thermal shutdown
- MANUAL OVERRIDE – Push button to enable system output for 15 minutes
- STATUS INDICATOR – Status LED to determine the state of the system at a glance

TECHNICAL INFORMATION

- INPUT VOLTAGE: 10-18 VDC
- CURRENT RATING: Up to 80A
- TIMER RANGE: 0 seconds to 4 hours (DIP switch configurable)
- TERMINAL SIZE:
 - 2x M5 (BAT/OUT) terminals
 - 2x #6 (IGN/GND) terminals
- DIMENSIONS (APPROX): 4.31 x 3.20 x 0.96 inches (10.95 x 8.13 x 2.44 cm)
- WEIGHT (APPROX): 0.4 lbs (0.18 kg) excluding cables
- OPERATING TEMP: -20 to +75° C
- STORAGE TEMP: -40 to +85° C



Avoid dead batteries and overheating accessories with a Shutdown Timer from Lind Electronics — a purpose-built DC shutdown timer designed for automotive, truck, RV, and fleet applications. This device **automatically disconnects 12V DC power to auxiliary devices after a preset time**, protecting your vehicle battery and equipment.

Fleet vehicles now require more electronic devices than ever, while the power drawn from each device continues to increase. Lind's High Power Shutdown Timer offers more than enough capacity (80A) to future proof these additions in a cost-effective, compact design. This product is both easy to use and simple to install, with the added benefit of **efficient cable management due to all terminals being located on a single side**.

Whether you're running aftermarket lighting, inverters, fans, radios, or custom electronic systems, the Lind High Power Timer ensures they never stay on longer than needed. It **features vibration-resistant housing, solid-state switching, and configurable delay settings**. Perfect for anyone looking to improve system reliability and reduce vehicle downtime.

LOW PROFILE SHUTDOWN TIMER



The Lind Low Profile Shut Down Timer protects the vehicle battery from over discharge by shutting OFF up to 30 amp loads at a preset time after the engine is shut down or when the battery reaches a low voltage level.

An emergency switch allows 12 minutes of operation after the timers shut down the equipment. The Low Profile Shut Down Timer is typically activated by sensing the electrical system voltage. When the alternator goes OFF the timed sequence is started.

A unique feature of the Low Profile Shut Down Timer is that it allows full testing of the system after installation. Momentary closure of the test switch reduces the delay time by a factor of 100 to allow a quick test of the system timing function.

FEATURES

- More compact design via reduced height profile
- Adjustable shut down delay time from 5 seconds to 4 hours (other delays possible - consult factory)
- Low voltage shut down at 10.5 VDC
- High voltage shut down at 18 VDC with auto reset
- Loads up to 30 ADC
- Reverse polarity protected.
- Automatic activation by sensing the battery voltage (battery not charging = timer ON)
- Optional activation by ignition switch connection (ignition OFF = timer ON)
- LED indicators for ON, OFF and Timing
- Speed-up time test switch (set delay divided by 100)
- Over-ride switch for 12 minute emergency operation after time out or failure of the engine to start
- Protected against automotive load dump
- Screw terminal or Terminal Block connection

TECHNICAL INFORMATION

- INPUT VOLTAGE RANGE: 9 - 18 (18 - 36) VDC
- MAXIMUM LOAD (2 OUTPUT CONNECTIONS): 30A (20A)
- TIME DELAY ADJUSTMENT RANGE: 5 Sec.- 4 Hrs
- DIMENSIONS (APPROX.): 4.3 x 3.8 x 1.2 inches (109 x 97 x 30 mm)
- WEIGHT (APPROX.): .5 lbs (.22 kg)

RUGGEDIZED SHUTDOWN TIMER

FEATURES

- Low voltage shut down to protect battery
- High voltage shut down to protect loads
- Loads up to 20 ADC
- Reverse polarity protected
- Automatic activation by sensing the battery voltage (battery not charging = Timer ON)
- Optional activation by ignition switch connection (ignition OFF = Timer ON)
- Optional alarm output
- LED indication of ON and Timing
- Protected against automotive load dump
- Screw terminal connections
- Black PC/ABS Case with mounting flanges

TECHNICAL INFORMATION

- INPUT VOLTAGE RANGE: 9 - 18 (18 - 36) VDC
- MAXIMUM OUTPUT CURRENT: 20A
- DIMENSIONS (APPROX.): 3.0 x 2.05 x 1.5 inches (76 x 52 x 38 mm)
- WEIGHT (APPROX.): .33 lbs (.15 kg)



The Lind Ruggedized Shut Down Timer (RSDT) protects the automobile battery from over discharge by shutting OFF loads at a preset time after the engine is shut down or when the battery is discharged. The RSDT also protects radio or computer equipment from damage caused by low or high input voltage experienced with alternator failure or improper voltage jump-starts.

The RSDT is typically activated by sensing the voltage of the battery. When the alternator stops charging, the timed sequence is started. An ignition input switch is provided as an optional activation method.

Used as a Shut Down Timer, the RSDT can be used for loads up to 20A. As a Relay Driver, the RSDT will drive relays up to 200 Amps. The RSDT can be factory set to any desired delay from a few seconds to several hours.

T2 SHUTDOWN TIMER



The Lind T2 Shut Down Timer protects your vehicle's battery from overdischarge by shutting off up to 50 amp loads at a preset time after the engine is shut down or when the battery is discharged to a low voltage level.

The timer also protects radio or computer equipment from damage due to low or high input voltage as experienced with alternator failure or improper voltage jump-starts.

An emergency switch allows 15 minutes of operation after the timer shut down the equipment. An ignition switch input is provided as an optional activation method but is not necessary. The timer is normally activated by sensing the alternator charge voltage level applied to the battery. When the alternator goes off the timed sequences are started.

A unique feature of the T2 Shut Down Timer is that it allows full testing of the system after installation. Momentary closure of the test switch reduces the delay time by a factor of 100 to allow a quick test of the system timing function.

FEATURES

- Two individual timers - each adjustable from 0 - 4 hours (other delays possible, contact Lind)
- Loads up to 50 Amps
- Compact design via reduced height profile
- Automatic activation by sensing the battery voltage (battery not charging = Timer On)
- Optional activation by ignition switch connection (Ignition Off = Timer On)
- Over-ride switch for 15 minute emergency operation after time out or failure of the engine to start
- Protected against automotive load dump
- Optional alarm output
- Screw terminal or terminal block connection options
- Black PC/ABS Case with mounting flanges

TECHNICAL INFORMATION

- INPUT VOLTAGE RANGE: 8 - 18 (16 - 36) VDC
- LOAD CURRENT: Up to 30A per channel (50A max total)
- TIME DELAY ADJUSTMENT RANGE: 0 - 4 Hrs
- OVER-RIDE MODE TIME SETTING: 15 minutes (both outputs)
- DIMENSIONS (APPROX.): 4.3 x 3.8 x 1.2 inches (109 x 97 x 30 mm)
- WEIGHT (APPROX.): .5 lbs (.22 kg)



OTHER SOLUTIONS

ENERGIZE YOUR DEVICES WITH UNMATCHED RELIABILITY.

At Lind Electronics, we offer a diverse range of innovative products designed to meet your power and connectivity needs beyond our renowned mobile power adapters and shutdown timers. Our high-performance battery chargers ensure your devices are always ready for action, providing efficient and reliable power management. Our sturdy forklift power adapter mounts securely hold your power adapters in place, enhancing operational safety and efficiency. Additionally, our versatile USB-C dongles expand your device capabilities. Trust Lind Electronics to deliver comprehensive solutions that power your productivity and keep you powered in any environment.



1 ACCESS
CAMERA
ON PHONE



2 LOCATE
AND SCAN
QR CODE



3 CLICK LINK
PROVIDED
BY QR SCAN



4 VIEW OUR
PRODUCTS
ONLINE



9-IN-1 DOME ANTENNA

FEATURES

- **4 WiFi Antennas:** Ensures optimal signal strength and range for seamless internet connectivity.
- **4 Cellular Antennas:** Boosts mobile network performance across multiple carriers
- **1 GPS/GNSS Antenna:** Provides pinpoint tracking and navigation, crucial for fleet management and mission-critical applications.
- **Rugged Design:** Durable housing with a rubber skirt and foam gasket base seals out moisture, dust, and protects against harsh conditions.
- **Easy Installation:** Universal compatibility with rugged pigtail cables and a solid nut-and-bolt design for quick, secure installs — no over-tightening, no hassle.
- **Advanced Performance:** Supports high-speed data transfer and reliable connectivity for demanding applications.

TECHNICAL INFORMATION

- **WIFI FREQUENCIES:** 2.4 GHz / 5 GHz
- **CELL FREQUENCIES:** Supports 4G LTE and 5G networks
- **INCLUDED CABLES:** 2 Cellular Cables, 2 Wifi Cable and 1 GPS Cable (each 16 feet/5m long)
- **WATERPROOF RATING:** IP69K
- **STORAGE/OPERATING TEMP:** -30°C - 85°C
- **COLOR:** Black or white
- **MOUNTING SCREW SIZE:** M22
- **IMPEDANCE:** 50 Ohms
- **DIMENSIONS:** 220 x 60 x 55 mm



The 9-in-1 Rugged Antenna Kit from Lind Electronics isn't your average dome — it's a full-spectrum connectivity beast built for brutal conditions and high-stakes environments. Packed with **four WiFi, four cellular, and one GPS/GNSS antenna, this all-in-one unit delivers serious performance across multiple bands.** Whether you're running a fleet, deploying tech in the field, or keeping comms locked in during mission-critical ops, this kit handles the signal load without flinching.

Engineered for real-world punishment, the **sealed mounting features** keeps out the elements.. **It installs easily on vehicles, gear, or fixed locations,** blending durability with a clean, pro-grade look. From public safety and transportation to rugged field use, the 9-in-1 Kit delivers rock-solid performance wherever the job takes you.

6-IN-1 SHARKFIN ANTENNA



The 6-in-1 Rugged Antenna Kit by Lind Electronics is the **ultimate solution for reliable, high-performance connectivity in demanding environments**. Engineered for industrial, commercial, and professional applications, this kit integrates advanced wireless technology into a durable, sleek sharkfin housing. Whether you're **outfitting a vehicle, enhancing IoT systems, or supporting mission-critical operations**, this antenna kit offers unmatched versatility, efficiency, and durability.

Engineered for performance and punishment, it's **built to withstand extreme temps, impact, and the elements — all while delivering fast data, reliable GPS, and strong mobile signal**. From public safety and emergency response to remote monitoring and mobile command centers, the 6-in-1 Kit is the no-compromise connectivity solution professionals trust when failure isn't an option.

FEATURES

- **2 WiFi Antennas:** Ensures optimal signal strength and range for seamless internet connectivity.
- **2 Cellular Antennas:** Boosts mobile network performance across multiple carriers
- **1 GPS/GNSS Antenna:** Provides pinpoint tracking and navigation, crucial for fleet management and mission critical applications.
- **Optional Whip Antenna:** Adds customizable functionality based on specific use-case requirements.
- **Rugged Design:** IP-rated black sharkfin housing ensures protection in harsh conditions.
- **Easy Installation:** Universal compatibility with a wide range of devices and systems; Rugged pigtail cables for easy installation.
- **Advanced Performance:** Supports high-speed data transfer and reliable connectivity for demanding applications.

TECHNICAL INFORMATION

- **WIFI FREQUENCIES:** 2.4 GHz / 5 GHz
- **CELL FREQUENCIES:** Supports 4G LTE and 5G networks
- **INCLUDED CABLES:** 2 Cellular Cables, 1 Wifi Cable and 1 GPS Cable (each 16 feet/5m long)
- **WATERPROOF RATING:** IP69K
- **STORAGE/OPERATING TEMP:** -30°C - 85°C
- **COLOR:** Black
- **MOUNTING SCREW SIZE:** M22
- **IMPEDANCE:** 50 Ohms
- **DIMENSIONS:** 220 x 60 x 55 mm

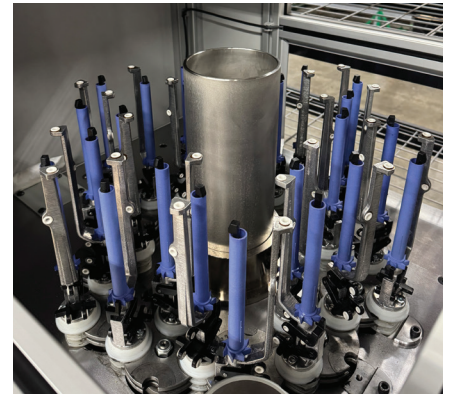
CABLE/WIRE HARNESS PROGRAM

FEATURES

- **Specialty & Low-Volume Builds To Cover All Your Needs:** When off-the-shelf won't cut it
- **Mission-Critical Use:** Zero tolerance for failure
- **New Product Launches:** Custom wiring for new designs with in house continuity testing
- **Backup Supplier Support:** Ready when others aren't
- **JIT Manufacturing:** Fast, reliable turnaround
- **Built for Your Application!**
No off-the-shelf compromises — We build to your exact specs

TECHNICAL INFORMATION

- **Contact us:** Call 800-897-8994 or *submit a request* to connect with our team
- **Send Project Info:** Share your specs, drawings, BOM, and application details
- **We Design & Prototype:** Lind will design, source parts, and build a prototype
- **You Review:** Test the sample for fit, form, and function before you submit the PO.
- **Approve & Order:** Receive production quality sample for final approval before shipping full order.
- **We Ship:** Your product is on it's way!



FROM PROTOTYPE TO PRODUCTION — BUILT LIND TOUGH

Custom-built, U.S.-made, and tough enough for anything you throw at them. While others miss deadlines or cut corners, Lind **delivers rock-solid quality, fast turnarounds, and service** that actually shows up.

WHY TEAMS TRUST LIND:

Decades of Rugged Power Experience — A proven legacy of building tough DC power supplies and custom cable solutions for critical industries.

High-Touch, Fast-Turn Service — Our in-house sales, design, and manufacturing teams work as one — delivering custom solutions with speed and repeatable consistency.

Scalable Production, No Matter the Size — From 10 units to 10,000, our automated wire processing handles small batches and high-volume orders with ease.

Certified Tough — Built to IPC/WHMA-A-620 standards in our Minneapolis facility.

Custom, No-Compromise Fit — Every harness is engineered to meet your exact electrical and mechanical needs — down to the last connector.

POWER DISTRIBUTION UNIT



Lind's Power Distribution Unit (PDU) is designed to streamline and safeguard power delivery in demanding mobile and stationary environments. With 12 independently fused outputs divided into hot, ignition-controlled, and timed circuits, this unit ensures that each connected device receives power exactly when needed. Whether powering critical systems that must always remain on or peripherals that should only activate with the vehicle's ignition, this PDU brings order and control to complex wiring systems.

Built for reliability in harsh conditions, this unit is ideal for fleets, emergency vehicles, utility trucks, and off-grid setups. Its compact, rugged housing and intuitive layout simplify installation and maintenance, while LED indicators provide real-time circuit status. Designed to reduce parasitic drain and improve system efficiency, it's a smart upgrade for any 12V DC-powered system requiring organized, dependable power distribution.

FEATURES

- 12 INDEPENDENT FUSED OUTPUTS –
 - 4 Battery Hot Outputs
 - 4 Ignition Hot Outputs
 - 4 Configurable Timed Hot Outputs
- MODULAR DESIGN – Scalable architecture to fit various vehicle types and configurations
- MULTI-VOLTAGE SUPPORT – Suitable for 12V systems
- HIGH CURRENT CAPABILITY –
 - Total capacity up to 125A with individual circuits fused up to 30A
- LED STATUS INDICATORS –
 - Real-time visual feedback for each channel

TECHNICAL INFORMATION

- OPERATING VOLTAGE: 12 VDC
- TOTAL OUTPUT CHANNELS: 12 (4 HOT, 4 IGNITION, 4 TIMED)
- MAX TOTAL CURRENT: 125A
- MAX PER CHANNEL: 30A (FUSED)
- FUSE TYPE: MINI ATX BLADE FUSE
- DIMENSIONS (APPROX): 9.75 X 5.68 X 1.24 INCHES (24.8 X 14.4 X 3.1 CM)
- WEIGHT (APPROX): 2.3 LBS (1.04 KG) EXCLUDING CABLES
- STORAGE TEMP: -40 TO +85° C

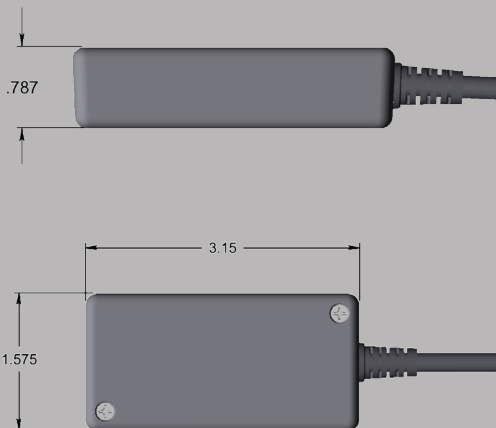
USB-C DONGLE CABLE

FEATURES

- Convert the 7.4mm barrel output connector from any Dell AC or Lind adapter to a USB-C connector
- Designed as a passthrough device for converting barrel connections to USB-C
- USB-C output voltage/power will match the characteristics of the supply feeding into it (up to 100W)

TECHNICAL INFORMATION

- OUTPUT POWER: Up to 100 Watts
- RELATIVE HUMIDITY: 95% (No Condensation)
- OPERATING TEMPERATURE: -20° to 40°C
- STORAGE TEMPERATURE: -40° to 85°C
- WEIGHT (APPROX.): 1.5 ounces (0.04 kg) excluding cables
- OUTPUT CABLE OPTIONS: 4" (10.16 cm) or 36" (91.44 cm) USB-C cable (straight or right angle with screw-on)



With this small and light-weight Lind Dongle cable you can charge your USB-C powered laptop and tablet with the commonly available 7.4 x 5.0mm and 4.5 x 3.0mm barrel power adapters.

You can use an AC Adapter that is compatible with a 45W, 65W, 90W, 120W, 130W, 150W or 240W barrel power adapter.

This Lind USB-C dongle will pass through the power (same wattage as the AC Adapter with a maximum throughput of 100 Watts) to the compatible computer with USB-C Power input port. Simply plug the barrel power adapter into the Dongle cable, then plug the Lind Dongle cable into your USB-C powered laptop or tablet, and begin charging instantly.

Custom (hardwired) input cables for the Lind dongle are available on request.

USB-C RIGHT ANGLE DONGLE CABLE



With this small and light-weight 90° right angle Lind Dongle cable with screw pin connector you can charge your USB-C powered laptop and tablet with the commonly available 7.4 x 5.0mm and 4.5 x 3.0mm barrel power adapters.

You can use an AC Adapter that is compatible with a 45W, 65W, 90W, 120W, 130W, 150W or 240W barrel power adapter.

This Lind USB-C dongle will pass through the power (same wattage as the AC Adapter with a maximum throughput of 100 Watts) to the compatible computer with USB-C Power input port. Simply plug the barrel power adapter into the Dongle cable, then plug the Lind Dongle cable into your USB-C powered laptop or tablet, and begin charging instantly.

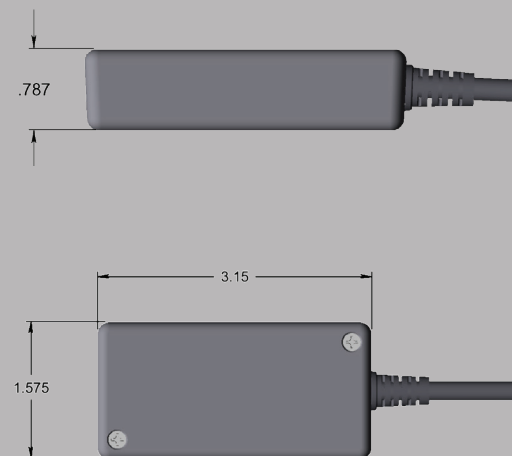
Custom (hardwired) input cables for the Lind dongle are available on request.

FEATURES

- Convert the 7.4mm barrel output connector from any Dell AC or Lind adapter to a USB-C connector
- Designed as a passthrough device for converting barrel connections to USB-C
- USB-C output voltage/power will match the characteristics of the supply feeding into it (up to 100W)

TECHNICAL INFORMATION

- OUTPUT POWER: Up to 100 Watts
- RELATIVE HUMIDITY: 95% (No Condensation)
- OPERATING TEMPERATURE: -20° to 40°C
- STORAGE TEMPERATURE: -40° to 85°C
- WEIGHT (APPROX.): 1.5 ounces (0.04 kg) excluding cables
- OUTPUT CABLE OPTIONS: 4" (10.16 cm) or 36" (91.44 cm) USB-C cable (straight or right angle with screw-on)





LIND ELECTRONICS PRODUCT WARRANTY

Our Commitment To You

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, LLC. 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.

HOW TO MAKE A WARRANTY CLAIM

1. CONTACT US

Reach out to our customer support team via phone or email. Provide your product details and a description of the issue.

2. SUBMIT PROOF OF PURCHASE

Have your receipt or proof of purchase ready to verify warranty eligibility.

3. SHIP YOUR PRODUCT

If required, send your product to our Lind Electronics Headquarters. We'll provide shipping instructions and cover the shipping cost.

4. REPAIR OR REPLACEMENT

Once we receive your product, our team will repair or replace the product and return it to you as quickly as possible.



LIND ELECTRONICS

14850 Deveau Place
Minnetonka, MN 55345



952-927-6303 or toll free at
800-897-8994



techsupport@lindelectronics.com



LindElectronics.com

For any questions or for full warranty details, terms, and conditions, please visit our website or contact our customer support team.

LIND IS HERE FOR YOU!

Peace of Mind with Every Purchase

At Lind Electronics, we stand by the quality and reliability of our products. Our comprehensive warranty plan ensures that you can trust our solutions to perform consistently and efficiently. Here's what you can expect:



1. COVERAGE DURATION

Enjoy up to 1-3 years of protection on Lind Electronics products, safeguarding your investment for the long haul.



2. COMPREHENSIVE PROTECTION

Our warranty covers any defects in materials or workmanship, ensuring that your product functions as intended.



3. HASSLE-FREE CLAIMS

In the unlikely event of a malfunction, our straightforward claims process makes it easy to get your product repaired or replaced. Simply contact our dedicated support team, and we'll handle the rest.



4. TECHNICAL SUPPORT

Access expert assistance from our knowledgeable technical support team, available to help troubleshoot and resolve any issues you might encounter.



5. FAST TURNAROUND

We prioritize quick resolutions, minimizing downtime and ensuring your operations continue smoothly.

Choose Lind Electronics for top-notch performance and reliability, backed by a warranty plan designed to give you peace of mind. Your satisfaction is our commitment!



LINDELECTRONICS.COM

14850 Deveau Place, Minnetonka, MN 55345
800.897.8994 • info@lindelectronics.com

RUGGED. RELIABLE. RESPONSIVE.™

