

KODIAK LT

User Manual



#TAKE CHARGE

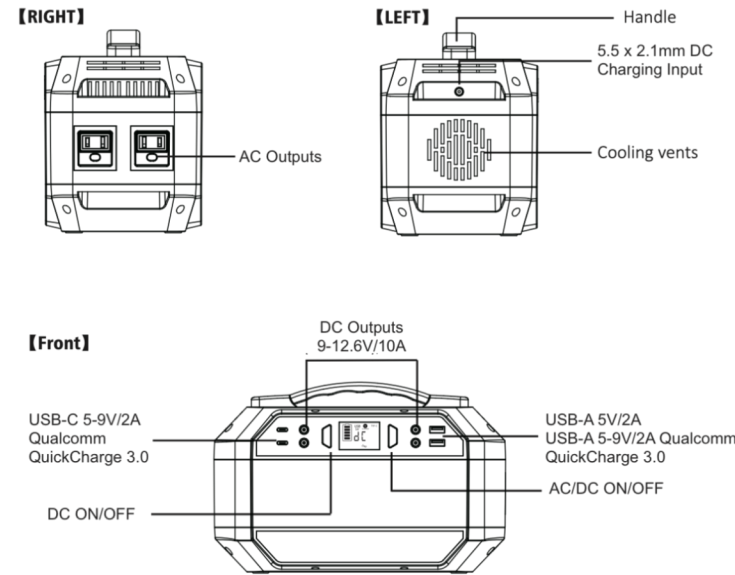
About the KODIAK LT

The Kodiak LT is our most compact grab-and-go power station. The LT is the perfect companion for a road trip or weekend tent camping trip. The LT will easily inflate multiple air mattresses, keep phones and cameras charged, light up your home or camp site and even power a fan on those hot summer nights. Before using this product, please take the time to read over this User Manual, where you will find helpful information to get the most of your purchase!

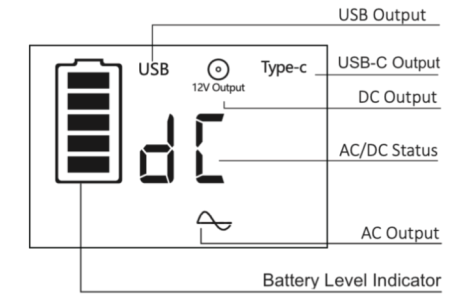
Technical Specifications

Capacity	346Wh, 11.1V (equivalent 93600mAh, 3.7V)
Dimensions	6.6" tall x 10" wide x 5" deep
Weight	7.6 pounds
Built-in Battery	Lithium NMC
Input Specifications	AC Charger & Car Charger: 15V/4A Solar Charging: 13-22VOC / 4A Max
Charge Time	DC15V/4A : 8-10 hours
USB Output	1 X USB 5V/2A 1 X USB 5V-9V/2A Qualcomm QuickCharge 3.0 2 X USB-C 5V-9V/2A Qualcomm QuickCharge 3.0
DC Output	4 X 5.5 x 2.1mm DC Outputs: 9-12.6V/10A (12A Combined Max)
AC Output	350W Continuous, Modified Sine Wave
Operation temperature	14°-104°F; -10°- 40°C
Lifecycles	>500
Package includes	1x Wall Charger 1x Car Charger 1x 12V Cigarette Lighter Adapter

【 II 】 PRODUCT DESCRIPTION



【 LCD Display 】



【 III 】 GENERAL USE GUIDELINES

1) Reading the LCD Display
The LCD display will indicate battery level, output mode, and warnings for faults/high temperature. The battery state of charge display will flash while charging. The USB, 12V Output, and Type-c indicators will illuminate when the unit is powered on, as those outputs are always live. The AC/DC Status indicator will display AC or DC to indicate which output mode the system is currently on, but does not show input/output wattage.

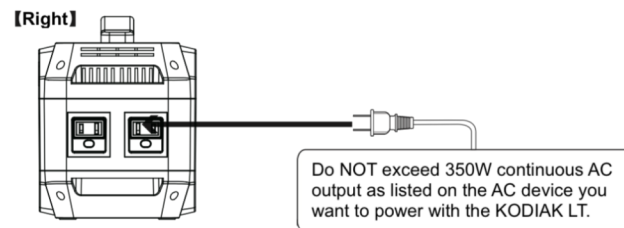
2) Pass-through Charging
The KODIAK LT DC outputs can be used while the unit is charging (wall charging, solar charging, or car charging), but the AC outputs cannot. Once a charge source is connected, the AC outputs are immediately disabled to protect the battery. Once the charge source is disconnected, the AC outputs can be turned on again by AC On/Off button twice.

1) Protection Mode
If any DC output is short-circuited or overloaded (>120W), the unit will shut down to protect itself. Unplug everything from the unit, let it sit for several seconds, then plug in a charge source to reboot the system.

If any AC output is short-circuited or overloaded (>350W), the inverter will shut down to protect itself, but the unit will remain turned on. Unplug the AC device, reduce the size of the load, and wait several seconds. Press the AC Button to restore AC power.

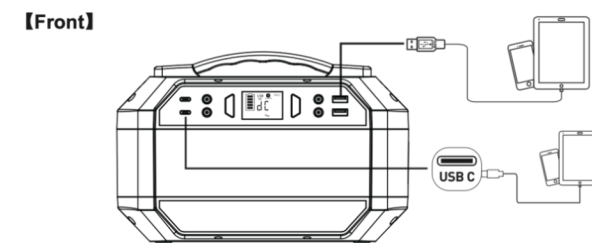
2) How to power AC devices
Connect the power cable plug of the AC device you want to power to the AC outlet on the right side of the KODIAK LT. To activate the internal inverter that will provide power to your device, press the AC Button to the right of the LCD. All AC & DC outlets will be active and supplying power. To turn off the AC outputs ONLY, press the AC button. To turn off ALL AC and DC outputs, press the power button on the left side of the LCD with the symbol on it.

IMPORTANT NOTE: Do not exceed AC output specifications listed in "Product Specifications" section. Some devices (such as refrigerators, freezers, vacuum cleaners, or air pumps) may have a running wattage < 350W, but have a large starting surge that is significantly larger (up to 1000W) that will exceed specification and result in Protection Mode (see above).



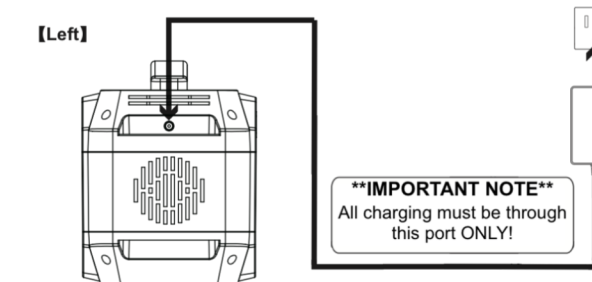
3) How to power DC devices
Connect the power cable of the DC device you want to power to any of the DC outlets on the front of the KODIAK LT. Press the DC power button on the left side of the LCD with the symbol on it. All DC outlets are now active and supplying power.

USB outlets: For fastest charging, connect to the orange USB-A outlet labeled QC3.0 or either of the USB-C outlets. **IMPORTANT NOTE:** Some very small USB devices (like bluetooth headsets) may not be recognized by the USB ports due to their exceptionally small charge current (< 150mA).

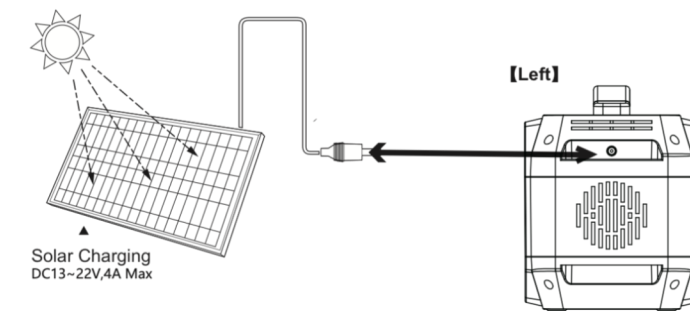


5) How to charge the KODIAK LT

a) **Wall Charging.** Your KODIAK LT has an included AC Wall Charger. To charge using the AC Wall Charger, simply connect the charger to a wall outlet. A green LED light will illuminate on the adapter itself. Next plug the the 5.5 x 2.1mm connector on the other end of the charger into the KODIAK LT charge port, located on the LEFT side of the unit. Once connected, the LCD will automatically turn on. A batter level indicator will appear to show state of charge, and will blink to indicate the battery is charging. Once fully charged, the battery level indicator will appear full and stop blinking.



b) **Solar Charging.** Place the solar panel is direct, full sunlight in an area without shadows. Try to get the panel as perpendicular to the sun as possible to optimize charging. Connect the solar panel cable into the charge port on the LEFT side of KODIAK LT, as seen above. The LCD will illuminate and display as it does when wall charging.



c) **Charging with a car charger.** Your Kodiak LT has an included car charger. To charge using the car charger, simply connect one end of the charger to the 12V cigarette lighter port in your vehicle, then connect the 5.5 x 2.1mm connector on the other end of the charger into the Kodiak LT charge port located on the LEFT side of the unit. The LCD will illuminate and display as it does when wall charging.

【 IV 】 SECURITY AND MAINTENANCE

- Do not expose to high temperatures, direct sunlight, moisture, or extremely dusty environments.
- Do not disassemble this unit in any way.
- Never cover the unit completely while in use with towels, clothing, or blankets.
- Disconnect the unit from charge sources when not in use. Never leave it connected to any charge source indefinitely.
- The KODIAK LT may become hot when charging, this is normal. Take precautions to ensure the unit has adequate airflow when in use.
- Storing the battery at 30-40% state-of-charge ensures the longest battery life expectancy. We recommend checking the battery level every 3 months. Storing it at 0% state of charge will permanently damage the battery, and may permanently ruin it.
- NEVER touch, stick metal objects into, or otherwise come in contact with the interior of the AC outlets on the KODIAK LT. Doing so risks death, serious injury, and electrical shock. These outlets supply power similar to that of a normal home wall outlet and, while ungrounded, still present many of the same dangers.
- NEVER use a generic or off-brand charger to charge your KODIAK LT. Use only Inergy-supplied chargers specifically for this device.
- NEVER connect your KODIAK LT outlets to another power source (i.e. attempt to charge your KODIAK LT via the AC outlets). Doing so will permanently damage your device and void your warranty.
- NEVER use or store the KODIAK LT in any orientation other than standing straight up. The KODIAK LT is designed to be stored and operated while sitting on a flat, secure surface.

【 V 】 OPERATING TEMPERATURES

Extreme temperatures can affect battery capacity and even cause damage. If you plan to use the KODIAK LT in sub-zero conditions, you may need to protect it from the cold. Do NOT use the KODIAK LT outside of the specified temperature ranges to ensure safety and to maximize life expectancy (see Tech Specs).

【 VI 】 RECYCLING LITHIUM BATTERIES

The internal lithium-ion battery is non-removeable and is not user serviceable. Do not attempt to remove the battery for any reason. Once the battery life has been exhausted and the system is no longer operable, please recycle the lithium battery at a local battery recycler. Many landfills are also lithium battery recyclers as well.