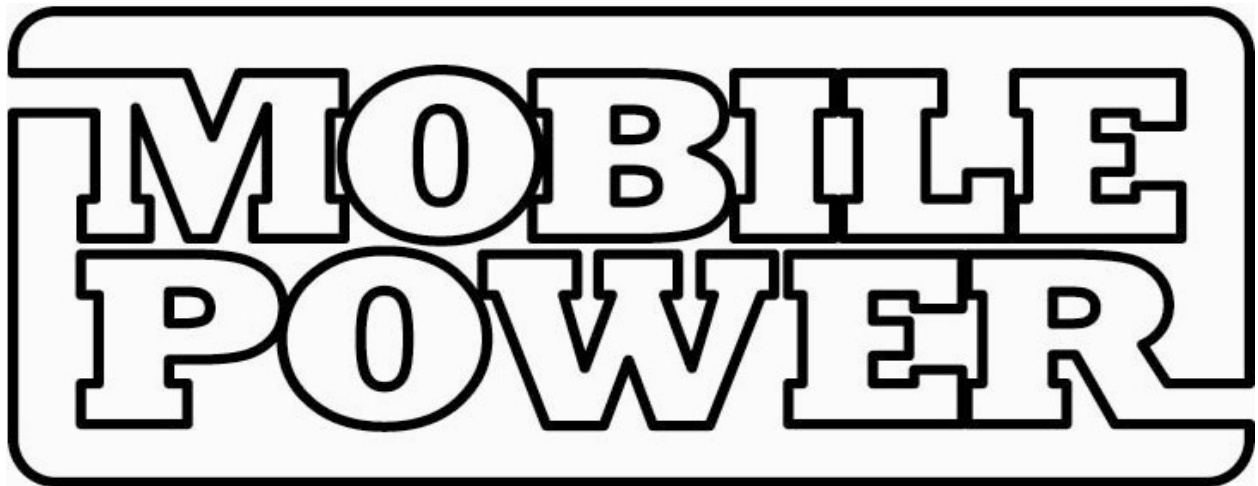


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BoostPak2

Instruction Manual



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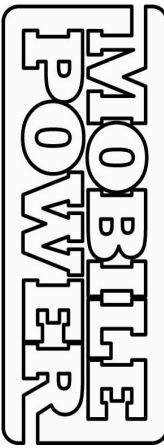
BoostPak2

5 in 1 Multi-Purpose Power Source

MOBILE
POWER



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IMPORTANT INFORMATION

READ AND UNDERSTAND ALL WARNINGS AND THE ADVISORY NOTES INCLUDED IN THIS MANUAL. FOLLOW INSTRUCTIONS PROVIDED BY YOUR VEHICLE MANUFACTURER AND MANUFACTURER OF THE DEVICES INTENDED TO BE USED WITH THIS POWER SUPPLY. MAKE CERTAIN THIS DEVICE IS FULLY CHARGED PRIOR TO FIRST USE.

WARNINGS

THIS PRODUCT CONTAINS LITHIUM ION BATTERY AND MUST BE DISPOSED OF PROPERLY. YOU MAY CONTACT YOUR LOCAL GOVERNMENT RECYCLING AUTHORITY FOR APPROPRIATE DISPOSAL. FAILURE TO FOLLOW THE INSTRUCTIONS MAY CAUSE DAMAGE TO THE PRODUCT AND OR PERSONAL INJURY.

IMPORTANT ADVISORY NOTES

- Do not use with dry cell batteries. These batteries may burst and cause injury to person or damage personal property.
- Do NOT put fingers or into any of the BoostPak2 Outlet.
- DO NOT CONNECT TO or boost start a 6 or 24 Volt battery.
- If battery acid comes in contact with skin or eyes, rinse immediately with water for 20 minutes. Seek medical attention if redness, irritation or pain is present.
- DO NOT smoke, use matches, lighters or an open flame near batteries.
- To reduce the risk of damage to the electric plug or cord, pull by the plug rather than the cord when disconnecting the BoostPak2.
- To reduce the risk of electric shock, unplug the BoostPak2 AC Charger from the outlet before attempting maintenance or cleaning.
- DO NOT operate the BoostPak2 if it has received a sharp blow, been dropped or otherwise damaged in any way. Call Customer Care Representative at: 1 800 708-8550
- To protect against electrical hazards, do not immerse charger, adapters, or unit in water or other liquid.
- Close supervision is necessary when working near children.
- Do not use this unit for applications other than its intended use.
- Do not expose this unit to moisture, rain and use it in extremely hot conditions.
- Do not attempt to remove or replace the battery used in this device. When the battery has reached the end of its useful lifetime, take the entire unit to a battery recycling facility.
- For proper and safe operation of the 12 Volt DC Power Accessory Port, do not place anything into it except the plug of the accessory to be used.
- Never charge or Boost-start a frozen battery.
- This product is not intended for use in the rain or temperatures above 150°F.
- Use only the provided chargers. Unauthorized parts may damage the unit.
- This product has no consumer serviceable parts except the replaceable fuses.
- Keep out of the reach of children.
- When not in use, the BoostPak2 unit should only be stored in an environment with temperature ranging between 32 to 110 Deg. F.
- Keep battery terminals clean. Be careful to keep corrosion from coming in contact with eyes.
- Do not let the cords of this device or the 12 Volt Plug gets wet.
- Prevent water to get into the unit housing. Water will damage the internal electronics board.
- This unit has a built-in Lithium ion battery. Although the BoostPak2 arrives partially charged from the factory, it MUST be fully charged before the first use.
- Recharge the BoostPak2 after each use or every 2 months preventing the battery voltage to become extremely low.

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FEATURES:

5 in 1 Multipurpose Power Source. The unit provides: 16.8V 2200 mAh Lithium ion Rechargeable Battery. Vehicle Boost Starter, 12VDC Power Port covered receptacle, 5V - 2100 mA USB Power Port, DC Plug Vehicle Boost Start and 12V DC Charger through the vehicle 12 Volt DC cigarette lighter socket - Vehicle Battery Charge Level Diagnostic Module. Battery Charge Level Indicator with Digital Display LCD. Built-in 12V DC Quick Charger through Charge/Boost DC Plug. Includes 110V AC Charger.

SPECIFICATIONS:

- Built-in 16.8V 2200 mAh Rechargeable Lithium ion Battery.
- 12 VDC 10 A Rated Accessory Port with Protective Cover.
- USB 5V - 2100 mA Output Port.
- 25A Fuse - Vehicle Boost Start DC Plug.

CHARGING INSTRUCTIONS:

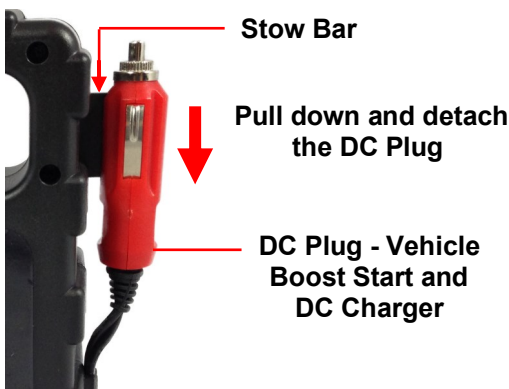
CAUTIONS

- Prior to charge this device, read and understand all the related instruction indicated below. Fully charge the unit until the Charging Indicator LED turns OFF. This product may arrive partially charged from the factory. It is highly recommended to fully charge the BoostPak2 after purchase and before using for the first time.
- Charge the BoostPak2 if the internal battery voltage displays below 12 Volt.
- Make certain that all ON/OFF Power Switches are set in the OFF position.
- Do not charge the BoostPak2 unit near flammable material, open flame or any location which accumulate flammable fumes.
- Make certain the electrical outlet located in a potentially wet or moist area that is to be used to charge this device, is protected by a Ground Fault Circuit Interrupter (GFCI).
- Make sure that the DC Plug is securely attached to the Stow Bar when not in use and during the charging period.
- Do not operate the BoostPak2 12V Accessory Port or the USB Port while the unit is under charge.

CHARGE THIS PRODUCT IMMEDIATELY AFTER PURCHASE. RECHARGE AFTER EACH USE AND EVERY TWO MONTHS.

A. AC Charging At Home with 110 Volt Charger

1. Keep the Power ON/OFF Toggle Switch in OFF position while charging.
2. Insert the AC charger round plug at the end of cable into the AC Charging Port of BoostPak2.
3. Connect the 110 Volt AC Charger into the 110 Volt AC home receptacle.
4. Fully charge the BoostPak2 unit according to the following schedules:
First time charge: 8 hours or when the Charging Indicator LED turns OFF.
Recharge and subsequent charge: 6 hours or when the Charging Indicator LED turns OFF.
5. Unplug the AC charger from the 110 Volt receptacle first and then remove the round plug from the BoostPak2 AC Charging Port.



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B. DC Charging In Your Vehicle with built-in charger using the Vehicle Boost Start DC Plug.

1. Keep the Power ON/OFF Toggle Switch in OFF position while charging.
2. Detach the BoostPak2 DC Plug by sliding it downward and away from the Stow Bar.
3. Insert the DC Plug of BoostPak2 into the vehicle cigarette lighter or 12 Volt accessory port .
4. Fully charge the BoostPak2 internal battery for 3 to 4 hours while the vehicle engine is running.
5. Unplug the DC Plug from the vehicle cigarette lighter or the 12 Volt accessory port.
6. Align the Stow Bar with the groove on the DC Plug. Slid the DC plug all the way upward until it stops.

BoostPak2 Internal Battery Charge Level:

1. Press either Mode (--) **Vehicle Start Power ON** or Mode (=) **USB Power ON** of the Power ON/OFF Toggle Switch.
2. LCD will display the Internal Battery Charge Level in terms of voltage value.

| | | |
|--------------------|---------------------|--|
| A. 10.5 V - 11.9 V | Charge immediately | Do not use any feature of the BoostPak2 unit. |
| B. 12.0 V - 13.9 V | Recharge before use | Only USB port and 12V DC Accessory Port may be used. |
| C. 14.0 V - 16.8 V | Recharge after use | All features of the BoostPak2 unit may be used. |

VEHICLE BOOST START USING THE DC PLUG:

WARNINGS: Vehicles equipped with on-board computers may be damaged if the vehicle is boost started. Read and understand your vehicle owner's manual instructions before attempting to boost-start your vehicle. Failure to follow these advisory instructions may result in explosion.

Important Note: Make certain that the BoostPak2 internal battery voltage is 16.0 or higher before proceeding to boost start or Charge a vehicle battery.

1. Turn off the vehicle ignition and all the accessories (Such as radios, lights, and air conditioners, etc.).
2. Apply the emergency brake and put those vehicles with automatic transmission in park position.
3. Place the BoostPak2 unit in a secure place near the cigarette lighter socket or the 12V DC accessory port of the vehicle being boosted or charged.
4. Turn the Power ON/OFF Toggle Switch of BoostPak2 to the **OFF position - Mode (O).**
5. Insert the DC Plug into the vehicle cigarette lighter or 12 Volt DC socket.
6. Turn the vehicle ignition to the ON position. Do not attempt to start the engine at this time.
7. Turn the Power ON/OFF Toggle Switch of BoostPak2 to the **Mode — Vehicle Start Power ON.**
8. Allow a minimum of 15 minutes for the vehicle depleted battery to be boost charged until the vehicle voltage reads 12 Volt or higher on the BoostPak2 LCD Display.
9. Turn the Power ON/OFF Toggle Switch of BoostPak2 to the **OFF Position - Mode (O).**
10. Disconnect the DC Plug from the vehicle cigarette lighter or 12 Volt DC socket.
11. Start the vehicle engine.

NOTE: If the vehicle fails to start, reconnect the DC Plug to the vehicle cigarette lighter or 12 Volt DC socket. Allow an additional 15 minutes for boost charge before attempting to restart the vehicle again.

USB OUTPUT PORT:

Important Note: Make certain that the BoostPak2 internal battery voltage is 12.0 or higher before proceeding to the next steps.

1. Prior to connecting the device to the USB port, make sure the Power ON/OFF Toggle Switch is in **OFF position - Mode (O).**
2. Make sure that the device power switch is in OFF position.
3. Using the USB cable included with your electronic device to be powered or charged, connect the USB plug into the USB port of the BoostPak2.
4. Connect the other end of the cable to the into the electronic device.
5. Press the **Mode (=) USB Power ON** of the Power ON/OFF Toggle Switch. The device with built in rechargeable battery will start charging automatically. Turn ON the electronic device and use as normal after charging.
6. After using the USB port, the Power ON/OFF Toggle Switch must be turned to the OFF position, otherwise the internal battery of the BoostPak2 will be slowly depleted.
7. Turn OFF the electronic device and disconnect the cable from the USB port.

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12 VOLT DC POWER PORT OPERATING INSTRUCTIONS:

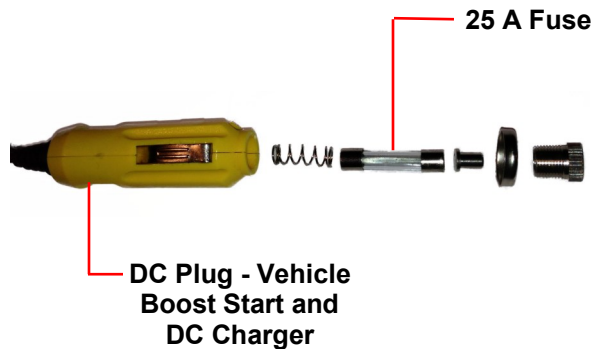
IMPORTANT: The Internal auto-reset Circuit Breaker will automatically interrupt the power if the current drawn exceeds 10Amp. This feature prevents damage to the BoostPak2 internal circuits. Internal Circuit Breaker will automatically reset after cooling period (Approximately 10-25 minutes).

Make certain that the BoostPak2 internal battery voltage is 12.0 or higher before proceeding to the next steps.

1. Remove the 12 Volt DC Accessory protective cover.
2. Insert the device 12 Volt accessory plug into the 12 Volt DC Accessory Port of BoostPak2.
3. Turn on the power to the 12 Volt DC device being powered by the BoostPak2 unit.

DC PLUG FUSE REPLACEMENT:

1. Unscrew the retainer ring and screw at the tip of the BoostPak2 DC Plug.
2. Replace the internal glass fuse with the same grade Fuse rated at 25 A.
3. Replace the retainer ring and Screw accordingly as shown below.



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TROUBLESHOOTING GUIDE:

| TROUBLE | RECOMMENDED SOLUTION |
|--|---|
| Vehicle does not start | <p>Make sure the BoostPak2 DC Plug is connected properly to the vehicle cigarette lighter or 12V DC Accessory socket.</p> <p>Allow the BoostPak2 to stay connected to the vehicle cigarette lighter or the 12V DC Accessory socket for a longer period of time. Wait 20 to 30 minutes before attempting to restart the vehicle again.</p> <p>Recharge the BoostPak2 to a FULL charge status 16.0V - 16.8V.</p> <p>Turn on the vehicle ignition and wait for 10 to 15 minutes or when the voltage on the display LCD shows 12.0 Volt or higher</p> <p>Replace the vehicle battery or visit workshop/garage for further assistance.</p> |
| Vehicle voltage stays below 10.4 Volt after 30 minutes | Visit workshop/garage for further assistance. |
| 12 Volt DC devices connected to the 12 Volt output port of the BoostPak2 does not operate. | <p>Recharge the BoostPak2 to a FULL charge status.</p> <p>Insert the device 12 Volt plug properly into the BoostPak2 DC output port</p> <p>Internal Circuit Breaker is OFF. Remove the 12 Volt Accessory plug from The BoostPak2 12VDC output port. Wait 15 - 25 minutes for automatic Reset to regain power.</p> |
| USB powered device connected to the USB of The BoostPak2 doesn't Function. | <p>Press the Power ON/OFF Toggle Switch to Mode = USB Power ON.</p> <p>Insert the device USB plug properly into the BoostPak2 USB port.</p> |

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SPECIFICATIONS:

- Battery rated capacity 16.8 Volt - 2200 mAh Lithium ion
- 12 Volt DC output ports output Amp. 10 A
- USB ports output rating 5 Volt - 2100 mA
- Fuse - Vehicle Boost Start DC Plug 25A
- Unit dimensions 6" H x 5 1/2" W x 2 1/4" D
- Unit weight without AC charging adaptors 13 oz.

NOTE: Specifications are subject to change without notice.



LIMITED PRODUCT WARRANTY AND LIABILITY

MobilePower, LLC. warrants to the original purchaser that the BoostPak2 unit shall be free from material defects in constructing material and workmanship for a period of two years from the original date of purchase except the internal Lithium ion rechargeable battery pack warranted for a period of one year. If the product is determined by MobilePower, LLC. to be defective in material and workmanship during the warranty period, MobilePower, LLC. will repair or replace the defective product or defective accessories/ components with the factory original specifications product at MobilePower, LLC. option. The original purchaser is entitled to obtain this warranty with the proof of purchase within the warranty period. To obtain a return authorization and shipping instructions related to the warranty services in North America visit us at www.mobilepower-us.com or call (800) 708 – 8550 Customer Support or contact us at support@mobilepower-us.com. You may ship the defective product with freight prepaid to MobilePower, LLC. Your replacement will be mailed back to you at no additional charge.

Great care must be taken when packing the product and all associated accessories into a suitable packing box along with original dated purchasing receipt or invoice. The package must include a letter stating the defect details, contact information including physical address. Any address with a PO Box will not be processed and will be held until further notification from the consumer. Make certain that your package can be tracked when you are shipping the defective products to us. MobilePower, LLC will not be responsible for lost packages sent by consumers. MobilePower, LLC. Will not be responsible for damages incurred during shipment to our facilities. Failure to provide the original purchase receipt or proof of purchase will render this warranty invalid.

THIS WARRANTY SHALL NOT APPLY IF THIS PRODUCT (A) IS DAMAGED RESULTING FROM ABUSE, MISUSE, NEGLIGENCE, ACCIDENT, LACK OF MAINTENANCE, WEAR AND TEAR, UNREASONABLE USE OR BY OTHER CAUSES UNRELATED TO THE DEFECTIVE MATERIAL OR WORKMANSHIP; (B) IS USED WITH PRODUCTS THAT ARE NOT COMPATIBLE WITH VEHICLE BOOSTING SYSTEM; (C) IS USED FOR COMMERCIAL PURPOSES; (D) IF THE PRODUCT HAS BEEN SUBJECTED TO WATER AND FIRE.

This warranty provides you with specific legal rights, and you may also have other rights which vary from state to state. This warranty is valid only in North America.

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