

# AirLite

Rechargeable Air Compressor & Spotlight  
Multi-purpose Power Pack

## Instruction Manual

**Model No. 5007**



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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 A SEALED LEAD-ACID 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.**



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### **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 CONNECT TO or jump 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.
- This products contains chemical substances including lead. Wash hands thoroughly after handling Lead Acid Batteries.
- 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 unit for applications other than its intended use.
- Boost Start vehicles in a well ventilated area only.
- Do not expose AirLite to moisture and use it in extremely hot conditions.
- Monitor the pressure gauge during use. Be careful not to over-inflate Tires / objects.
- Never work alone with this product. Make sure that someone is available to give assistance if needed.
- Wear complete eye and clothing protection. Do not touch eyes while working near battery.
- 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 outlets, do not place anything into it except the plug of the accessory to be used.
- Remove metal, personal jewelry, such as: rings, bracelets, necklaces and watches, while working with a lead acid battery. This can produce a short-circuit that may cause severe burns.
- 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, cables and clamps. Unauthorized parts may damage the unit.
- Keep out of the reach of children.
- Prevent water to get into AirLite housing. Water will damage the internal electronics board.
- This unit has a built-in lead acid battery. Although AirLite arrives partially charged from the factory, it MUST be fully charged before the first use.
- Recharge the AirLite unit after each use or every 3 months preventing the battery voltage to become extremely low.

### **FEATURES:**

Multipurpose DC power supply with Air Compressor and Spotlight. The unit provides: 12 VDC covered output port, 260 PSI rated air compressor with Digital Air Pressure Gauge up to 99 PSI, Air Compressor Nozzle Adaptors for most Inflatables, Spotlight with adjustable Light Beam, LED Area light, Digital Internal Battery Charge Level Gauge LCD Display and USB power port. Dual 12 Volt DC Accessory Plugs Charge/Booster Cable to Trickle charge a vehicle battery through cigarette lighter or an accessory port.

### **SPECIFICATIONS:**

- Built-in 2 x 6 Volt 4.5 Ah Rechargeable Lead Acid Battery.
- 12 VDC Output Port with Protective Dust Cover.
- USB Out 5V - 1000mA.
- 260 PSI Rated Air Compressor with Digital Air Pressure Gauge up to 99 PSI.
- Ultra Bright Halogen Spotlight with adjustable Light Beam.
- LED Area Light.
- Digital Battery Charge Level Indicator.
- 3 Air Compressor Nozzle Adaptors for most bicycles and inflatables.
- AC & DC Charging Adaptors are included.
- Dual 12 Volt DC Accessory plugs Charge/Booster Cable through vehicle 12 Volt DC cigarette lighter or accessory port.





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## **CHARGING AIRLITE INSTRUCTIONS:**

### **CAUTIONS**

- Prior to charging this device, read and understand all the related instruction indicated below. Fully charge the AirLite unit when the battery charge level is below 20%. This product may arrive partially charged from the factory. It is highly recommended to fully charge the AirLite unit after purchase. Recharge after every use if possible, and thereafter, once every 3 months. Always avoid leaving the unit discharged.
- Make certain that all ON/OFF Power Switches are set in the OFF position.
- Do not charge this 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).

#### **A. AC Charging At Home with 110 Volt Charger**

1. Lift the AirLite Charging Port protective cover.
2. Insert the AC charger round plug into the AirLite Charging Port.
3. Connect the 110 Volt AC Charger into the 110 Volt AC home receptacle.
4. Fully charge the AirLite according to the following schedules:

**First time charge: 28 hours**

**Recharge and subsequent charge: 24 hours**

**Or when the Display LCD indicates 99%.**

5. Unplug the AC charger from the 110 Volt receptacle first and then remove the round plug from the AirLite Charging Port.

#### **B. DC Charging In Your Vehicle with 12 Volt Charger**

**WARNING:** Prior using the vehicle cigarette lighter or the accessory port, make certain that the rated fuse of the power port is 15A or higher.

1. Lift the AirLite Charging Port protective cover.
2. Insert the 12 Volt DC Charger round Plug into the AirLite Charging Port.
3. Connect the 12 Volt DC Charger Plug into the vehicle cigarette lighter or 12 Volt accessory port.
4. Fully charge the AirLite internal battery for 8 - 10 hours or when the Display LCD indicates 99% while the vehicle engine is running.
5. Unplug the DC charger from the 12 Volt DC plug from the vehicle cigarette lighter port first and then remove the round plug from the AirLite Charging Port.

### **INTERNAL BATTERY CHARGE LEVEL:**

- Press and hold the Battery Charge Level Indicator Push Button to determine the unit internal battery charge level prior to each use.
- The battery Charge Level will be displayed as the % of the Full Battery Capacity.



**Digital Display indicates: 10% - 50% Charge Level - Recharge before use.**

**Digital Display indicates: 51% - 99% Charge Level - Recharge after use.**



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**AIR COMPRESSOR OPERATING INSTRUCTIONS:**

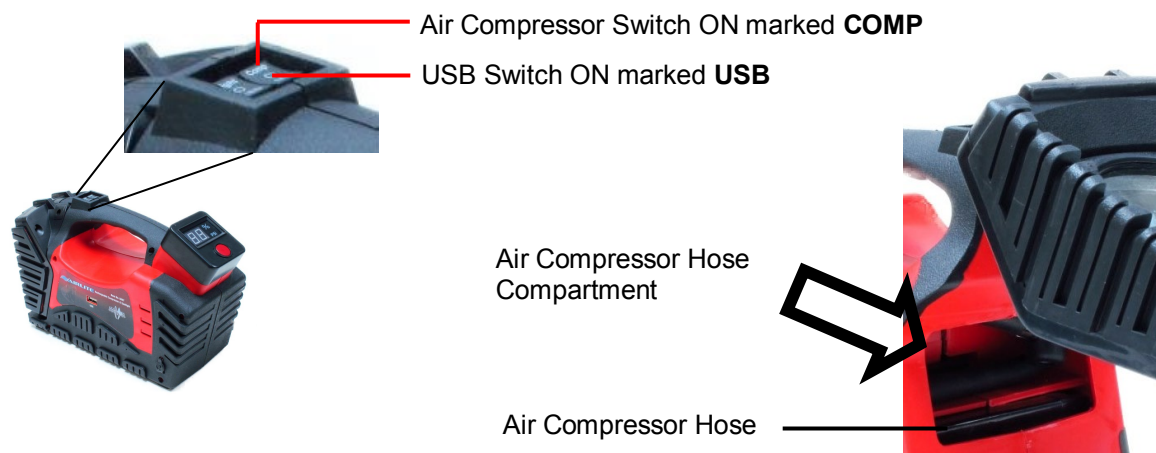
**CAUTIONS:**

- Do not operate the Air Compressor more than 15 Minutes continuously. Allow the compressor to cool down for 10 minutes between each continuous operation.
- Review the products to be inflated for manufacturer's recommended maximum inflation pressure. Most vehicle tires are recommended to be inflated between 27 to 38 PSI.
- Always check the air inflation pressure with a separate and reliable pressure gauge during and after inflation.

**A. TO INFLATE TIRES:**

**Note: The Air Compressor Hose is stored inside the compartment behind the Spotlight housing.**

- Swing the Spotlight Housing all the way up and extend the Air Compressor Hose fully before use. Make sure that the Nozzle Locking Lever is in the UP position.
- Remove the valve cap from the tire valve stem.
- Attach the compressor air valve nozzle onto the tire air valve stem and push down the air valve nozzle as far as it travels. Make certain it is seated properly.
- Press down the Nozzle Locking Lever all the way down to securely lock the tire air valve stem. **IMPORTANT:** If the tire is completely deflated, raise the vehicle by utilizing a recommended rated lifting device and jack stand before inflating the tire.
- Press down the Battery Charge Level % and PSI Push Button and cycle between “ % ” and “ PSI ” options. Select the “ PSI ” option for this operation.
- Turn ON the Air Compressor by pressing down the end of the switch marked COMP located on the top side of the handle.
- Monitor the air pressure on the display LCD while the compressor is operating and during inflation.
- Turn OFF the Air Compressor by pressing down the other end of the switch marked USB to the neutral position, when the desired tire air pressure is reached.
- Disconnect the air hose nozzle from the tire air valve stem by lifting the Nozzle Locking Lever all the way in the UP position.
- Replace the tire valve cap onto the tire valve stem.
- Stow the air hose into the Air Compressor Hose Compartment.



**B. TO INFLATE BALLS/AIR MATTRESSES/RUBBER RAFTS:**

- Swing the Spotlight Housing all the way up and extend the Air Compressor Hose fully before use. Make sure that the Nozzle Locking Lever is in the UP position.
- Remove the valve cap from the inflatable valve stem.
- Attach the appropriate valve stem adaptor to the Air Hose Nozzle.

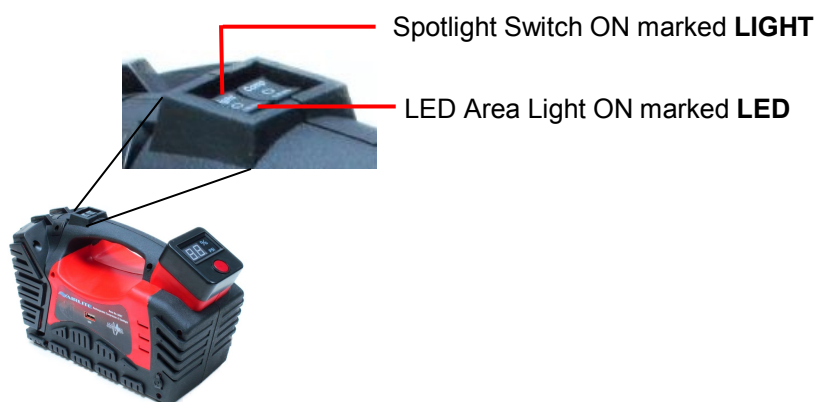


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- Press down the Nozzle Locking Lever all the way down to securely lock the valve stem adaptor.
- Attach the compressor air valve nozzle with the valve stem adaptor onto the air valve stem of the inflatable and push down the air valve Nozzle as far as it travels. Make certain it is seated properly.
- Turn ON the Air Compressor by pressing down the end of the switch marked COMP located on the topside of the handle.
- Monitor the air pressure on the display LCD while the compressor is operating and during inflation.
- Turn OFF the Air Compressor by pressing down the other end of the switch marked USB to the neutral position, when the desired tire air pressure is reached.
- Disconnect the air hose nozzle from the air valve stem.
- Replace the valve cap onto the valve stem.
- Stow the air hose into the Air Compressor Hose Compartment.

### **SPOTLIGHT OPERATING INSTRUCTIONS:**

- Turn ON the Spotlight by Pressing down the end of the Switch marked **LIGHT**.
- The Spotlight beam can be adjusted by pivoting the Spotlight housing to a desire beam angle.
- Turn OFF the Spotlight by pressing down the other end of the switch marked **LED** to the neutral position.



### **LED AREA LIGHT OPERATING INSTRUCTIONS:**

- Turn ON the LED Area Light by Pressing down the end of the Switch marked **LED**.
- Turn OFF the LED Area Light by pressing down the other end of the Switch marked **Light** to the neutral position.

### **USB OUTPUT PORT OPERATING INSTRUCTIONS:**

- Prior to connect the device to be powered by the USB port, make sure the USB power switch is in OFF and in the neutral position.
  - Prior to plug in the device to the USB port, make sure the device power switch is in OFF position.
  - Using the USB cable included with your electronic device that needs to be powered or charged, connect the USB plug into the USB port of AirLite.
  - Connect the other end of the USB cable to the electronic device.
  - Press down the USB Switch marked LED to the ON position. The device with built in rechargeable battery will start charging automatically. Turn ON the electronic device and use as normal after charging.
3. After using the USB port, the USB Power Switch must be turned to the OFF position, Otherwise the internal battery of the AirLite unit will be slowly depleted, although there is no electronic device attached to the USB port.
  4. Turn OFF the electronic device and disconnect the cable from the USB port.

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### **12 VDC SOCKET 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 AirLite internal circuits. Internal Circuit Breaker will automatically reset after cooling period (Approximately 10-25 minutes)

- Remove the 12 Volt DC protective cover.
- Insert the device 12 Volt accessory plug of the device into the 12 VDC Socket of the AirLite.
- Turn ON the power of the 12 Volt DC device being powered by the AirLite internal battery.

### **VEHICLE BOOST START USING THE 12 VDC SOCKET:**

**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. Before attempting to start vehicle, the AirLite 12 VDC plug **MUST** be removed from the vehicle 12 Volt Socket.

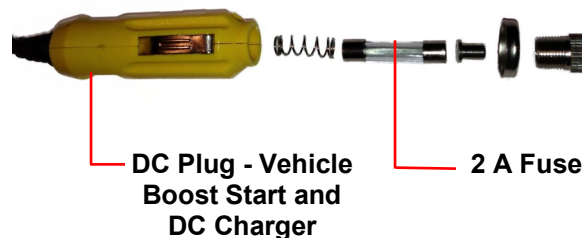
**Important Note:** Make certain that the AirLite internal battery is fully charged 90% - 99% before proceeding to boost start or Charge a vehicle battery.

- Turn off the vehicle ignition and all the accessories (Such as radios, lights, and air conditioners, etc.).
- Turn both switches on AirLite to the OFF positions (neutral positions).
- Apply the emergency brake and put those vehicles with automatic transmission in park position.
- Place the AirLite unit in a secure place near the cigarette lighter socket or the 12V DC accessory port of the vehicle being boosted or charged.
- Turn the vehicle ignition key **ONLY** as far as the ACCESSORY position. Do not attempt to start the engine at this time.
- Insert the **Dual 12 Volt Accessory Charge/Boost Cable Plug with the LED indicator** into the vehicle cigarette lighter or 12 Volt DC socket all the way in and securely. The LED on the Plug should illuminate confirming a good connection.
- Insert the other end of the Dual 12 Volt Accessory Cable to the 12 VDC Socket of the AirLite unit.
- Allow a minimum of 30 minutes for the vehicle depleted battery to be boost charged.
- Disconnect the DC Plug with LED indicator from the vehicle cigarette lighter or 12 Volt DC socket.
- 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 25 minutes for boost charge before attempting to restart the vehicle again.

### **12 VOLT DC CHARGER ADAPTOR - FUSE REPLACEMENT:**

- Unscrew the retainer ring at the tip of the 12 Volt DC charger plug.
- Replace the internal glass fuse with the same grade Fuse rated at 2 AMP.



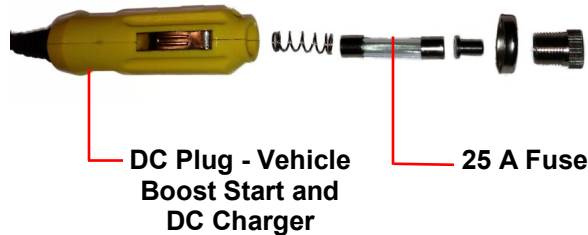




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### Dual 12 V DC Accessory Plugs Charge/Booster Cable - FUSE REPLACEMENT:

- Unscrew the retainer ring at the tip of the 12 Volt DC Accessory plug.
- Replace the internal glass fuse with the same grade Fuse rated at 25 AMP.



### TROUBLESHOOTING GUIDE:

<u>TROUBLE</u>	<u>RECOMMENDED SOLUTION</u>
1. Compressor does not inflate	1A. Make sure the hose nozzle is properly seated and the locking lever is in down position. 1B. Repair air hose if possible. 1C. Allow 15 - 20 minutes for compressor to cool down before re-use.
2. USB powered device connected to the USB of AirLite does not function	2A. Press down the USB output port Switch to the ON position. 2B. Insert the device USB plug properly into the AirLite USB port.
3. Vehicle Does not Charge Or start	3A. Make sure the Dual 12 VDC Plug is connected properly to the Vehicle cigarette lighter or 12V DC Accessory socket. 3B. Allow the AirLite 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. 3C. Recharge AirLite to a FULL charge status 95% - 99% capacity. 3D. Turn on the vehicle ignition to ACC and wait for 10 to 15 minutes. 3F. Replace the vehicle battery or visit workshop/garage for further assistance.
4. 12 Volt DC devices connected to the 12 Volt output port of the AirLite does not operate.	4A. Recharge the AirLite to a FULL charge status. 4B. Insert the device 12 Volt plug properly into the AirLite DC output port 4C. Internal Circuit Breaker is OFF. Remove the 12 Volt Accessory plug from the AirLite 12VDC output port. Wait 15 - 25 minutes for Automatic Reset to regain power.

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### **SPECIFICATIONS:**

- |   |                               |
|---|-------------------------------|
| • Battery rated capacity                                    | 2 x 6 Volt (12 Volt) - 4.5 Ah |
| • Air Compressor - Maximum Rated                            | 260 PSI                       |
| • Air Compressor Pressure Gauge - Maximum displayed         | 99 PSI                        |
| • 12 Volt DC output ports output Amp.                       | 10 A                          |
| • USB port output rating                                    | 5 Volt - 1000 mA              |
| • Spotlight Bulb  | Halogen 12 V H3 - 15 Watt     |
| • DC Charger Fuse   | 2 A                           |
| • Dual 12 Volt DC Accessory Plugs Charge/Booster Cable Fuse | 25 A                          |
| • Unit dimensions   | 7" H x 4 1/2" W x 11" L       |
| • Unit weight without AC/DC charging adaptors               | 6 lbs - 7 oz.                 |

NOTE: Specifications are subject to change without notice.



### **LIMITED PRODUCT WARRANTY AND LIABILITY**

MobilePower, LLC. warrants to the original purchaser that the AirLite 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 Lead Acid 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](http://www.mobilepower-us.com) or call (800) 708 – 8550 Customer Support or contact us at [customerservice@mobilepower-us.com](mailto:customerservice@mobilepower-us.com). You may ship the defective product with freight prepaid by you 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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