**WARNING**

REMOVE CABLES WITHIN 30 SECONDS OF VEHICLE STARTING. NEVER TOUCH CABLES TOGETHER WHEN ATTACHED TO UNIT. Study, understand and follow all instructions provided with this product. Read these instructions carefully before installing, operating, servicing or repairing this tool. Keep these instructions in a safe accessible place.

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**INTENDED USE OF THE TOOL**

Multi-function car jump starter and portable battery charger for electronic devices. Do not use this tool outside of the designed intent. Never modify the tool for any other purpose or use.

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**WARNING**

Caution: To help prevent personal injury

- Normal use of this product is likely to expose the user to dust and/or microscopic particles containing chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Always wear appropriate safety equipment and clothing when using this product. Study, understand and follow all instructions provided with this product. Failure to read and follow all warnings and operating instructions may result in damages and serious injury or death.
- Always wear ANSI approved goggles when using this product. (Users and Bystanders).
- Never use this tool for any application other than for which it was designed.
- Only use accessories designed for this tool.
- Never alter or modify this tool in any way.
- Improper operation and/or maintenance of the tool, modification of the tool, or use of the tool with accessories not designed for it could result in serious injury or death.
- Always select the correct accessories of the correct size and design for the job that you are attempting to perform.
- Always work in a clean, safe, well-ill, organized and adequately equipped area.
- Do not begin repairs without assurance that vehicle is in secure position, and will not move during repair.
- Ensure that the vehicles are not touching.
- If the vehicle is reluctant to start, then seek expert advice on the cause.
- After use, store in pouch provided to prevent cable damage and keep out of reach of children. This is not a toy.
- Batteries produce explosive gases. Batteries can explode causing serious injury or death. Hydrogen and oxygen gases are produced during normal battery use. This gas mixture can cause explosion if open flames or sparks are exposed near battery. Always work in a well ventilated area. Do not stand over battery during the boosting procedure.
- Explosive gases may be present. Take caution not to create sparks. Extinguish all cigarettes and any open flames.
- Avoid clamps coming into contact with each other or the vehicle body.
- **NOT INTENDED FOR JUMP STARTING DIESEL VEHICLES.**

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**PRODUCT INFORMATION:**

- **Jump Starts Vehicle more than 20 times when fully charged**
- **SOS signal lasts up to 180 hours**
- **Charges smart phone up to 10 times on a full battery**
- **Charges Laptop up to 3 hours**
- **Rechargeable, convenient (with home & car chargers)**
- **Immediately Jump Starts vehicle even in cold weather**
- **Built-in light lasts up to 60 hours**
- **Able to charge two phones at once**
- **Charges all popular cell phone models, including iPhone 5 and Samsung Galaxy**
- **Not intended for jump starting Diesel vehicles**

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**SPECIFICATIONS:**

- **Battery Capacity:** 12000mAh
- **Product Input:** 15V/1A
- **Product Output:** DC 5V/2A; DC 12V/2A; DC 19V/3.5A
- **Starting Current:** >200A
- **Peak Current:** 400A (<3 second)
- **Cycle Life:** over 1000 times
- **Full Charge Time:** about 3 hours
- **Operating Temperature:** 0 - 85°C
- **Authenticate:** CE RoHS FCC

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**Please do not return any product without calling 1-800-221-9705 for instructions**

**Before Use**

Before use, check the parts diagram and part number listing on page 5 to make sure all parts are included. If any parts are missing or damaged, please call your distributor.

**1 Year Limited Warranty**

- Astro Pneumatic Tool Co. warrants our products to the original user against defective material or workmanship for a period of 1 year (except where noted on our price schedule) from the date of 1st use. Astro reserves the right to determine whether the product failed because of defective material, workmanship or other causes and to charge back for missing parts. Astro Pneumatic Tool Co., at its discretion, will repair products covered under this warranty free of charge. The distributor should direct the original user to return the product (with the exceptions listed below) with the distributor’s name, address, adequate proof of date of purchase or a copy of warranty card, and a short note explaining the problem. Failures caused by accident, alteration, misuse are not covered by this warranty.

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**Do not discard – give to user**

Page 1
PRODUCT HIGHLIGHTS:

- High capacity and high power battery. Supports fast charging with low self-discharge. Can cycle up to 1,000 times.
- 3 lighting modes. Flashlight and two emergency strobe settings.
- Supports 12V vehicle jump starting and charges various electronics; such as cell phones, PSP, MP3/MP4, PDA, Notebook, car refrigerators and other electronic devices.
- Designed with safety in mind, protecting user from defects during use.
- For best results charge battery 12 hrs before first use.

PRODUCT LAYOUT:

- Home Adaptor
- Car Adaptor
- 15V 1A Input Port
- USB5V 2A Output Port
- 12V 2A Output Port
- 19V 3.5A Output Port
- LED Illumination
- Indictor Light
- Switch
- Jump Start Socket
- Switch Cable A
- Switch Cable B
- Jump Cable with Clamps
- For 12V Vehicle Products
OPERATION GUIDANCE:

Indicator Lights
Press the switch button to check the capacity of the battery

<table>
<thead>
<tr>
<th>Indicator Lights</th>
<th>Unit</th>
<th>5 Flashing</th>
<th>1 Solid</th>
<th>2 Solid</th>
<th>3 Solid</th>
<th>4 Solid</th>
<th>5 Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery Capacity</td>
<td>0%</td>
<td>10%</td>
<td>20%</td>
<td>40%</td>
<td>60%</td>
<td>80%</td>
<td>100%</td>
</tr>
</tbody>
</table>

When charging, indicator light will flash one by one. The number of solid indicator lights indicates the battery capacity. Full indicator lights are solid when charging has paused or completed.

Instructions for self charging:
1. Plug the home adaptor into your power outlet.
2. Connect 15V 1A input port of the battery to the other end of home adaptor.
   OR
1. Plug the car adaptor into the socket of cigarette lighter.
2. Connect 15V 1A input port of the battery to the other end of car adaptor.

For Jump Starter of 12V Vehicle
1. Make sure that the number of indicator lights are not less than 3.
2. Connect the red battery clamp of jumper cable to the vehicle’s positive(+) battery terminal and connect the black battery clamp of jumper cable to the vehicle’s negative(-) battery terminal.
3. Plug the cord of the jumper cable into the jump start socket.
4. Start the vehicle
5. When the vehicle starts, remove the jumper cable from the Battery and disconnect red and black clamps from the vehicle battery terminals within 30 seconds.
6. Leave the vehicle’s engine running.

Charging to Mobile Phones or Tablets
1. Plug the switch cable B to USB 5V 2A output port.
2. Select appropriate connector for your mobile phones or tablet and connect it to the switch cable B and your mobile phone or tablet.

For Charging/Power Supply to Laptop
1. Plug the switch cable A to 19V 3.5A output port.
2. Select appropriate connector for your laptop and connect it to the switch cable A, then plug switch cable A with the attached connector into you laptop.
For Power Supply to 12V Vehicle Products or 12V Electronics
1. Plug the optional switch cable to 12V 2A output port.
2. Connect the optional switch cable and 12V vehicle product or 12V electronics.
3. Press the switch button to power supply.

LED Illumination
Press the switch button 3 seconds to start the LED illumination and then 4 modes of LED light appear in sequence (normal, strobe, SOS, off) if you press lightly.

PARTS LIST:

<table>
<thead>
<tr>
<th>Index #</th>
<th>Description</th>
<th>Q'ty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Battery</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Switch Cable A</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>4 in 1 Switch Cable B</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Notebook Connector</td>
<td>8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Index #</th>
<th>Description</th>
<th>Q'ty</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Home adaptor</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Car Adaptor</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>Jumper Cable w/ Battery Clamps</td>
<td>1</td>
</tr>
</tbody>
</table>
Finding | Cause | Remedies
--- | --- | ---
If battery is still not full charged while its 5 indicator lights are solid. | 60% charge for longer storage of battery when not in use. | Unplug the adaptor and plug it again.
No response when pressing the switch button. | Low voltage protection of battery has started. | Plug the adaptor into the 15V 1A input port to charge.
My laptop's battery feels too hot. | The charging current may be too high (3.5A) | Remove the laptop's battery and use this appliance to supply power directly, or disconnect the unit from your laptop and connect them when it is cool.
TOXIC AND HARMFUL SUBSTANCES:

<table>
<thead>
<tr>
<th>Composition and amount of toxic and harmful substances in battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pb</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>O</td>
</tr>
</tbody>
</table>

O: Indicate all homogeneous materials' hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC (RoHs).

WARNING:

1. Remove the product from the vehicle within 30s after jump starting the vehicle, not doing so may cause serious injury or death.
2. Do not allow charge clamps to come in contact with each other. Doing so may cause a fire, injury or death.
3. Do not dispose of product. For disposal information contact the nearest hazardous waste disposal facility in your area.

• Take caution when using this product.
• This appliance is not intended for use by young or uninformed persons without supervision.
• Do not use as a toy
• Do not allow the appliance to become wet, or immerse in water.
• Do not operate the appliance in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
• Do not modify or disassemble the unit. Only a repair technician may repair this unit.
• Do not expose the appliance to heat.
• Do not store in locations where the temperature may exceed 70°C.
• Charge only using the charger provided with the appliance.
• Under extreme conditions, battery leakage may occur. Carefully wipe the liquid off using a cloth and avoid skin contact when you notice liquid on the batteries. In case of skin or eye contact, rinse immediately with clean water and seek medical attention.
• Contact your local or state waste disposal facility for information on how to dispose of product.