

POWER™
PATCH

JOLT TECHNOLOGY JUMP STARTER

User Manual



Read the user manual carefully and use the PowerPatch Jolt Technology Jump Starter based on the manual's instructions for safe, convenient use of this device.

GENERAL INFORMATION:

This product is capable of starting most 12V gasoline engines up to V8 6L engine (diesel up to 3.0L), this includes 4 and 6 cylinder engines as well as in lines. It can also be an additional power pack for your electronic devices. It has 1 car battery clamp socket (12V), 1 USB output (5V/ 2.1A), 1 DC 5.5 output (12V, 16V, 19V) and a flashlight. With the LED display, you can read the status clearly and easily.



PRODUCT SPECIFICATIONS:

Output voltage:	12V
Peak capacity:	10400mAh/38.48Wh
Input charging ports:	DC3.5 18V/1A
Output ports:	USB-5V/9V 2.1A Auto jump starter- 12V Electronic- 12/16/19V- 3.5A
Charge mode:	CC/CV 18V 1A
Start Current:	450A(<2S)
Peak Current:	900A
Cycle life:	1000 cycles @ 80 depth of discharge
Application temperature range:	-20°C to +70°C. Cell performance may degrade at low temperature.
Charging time - Wall Charger:	3- 4 hours
Jump Starter N.W:	0.43KG
Jump Starter Size:	20.4(L)*5(W)*5(H)cm
Package with EVA bag N.W.:	1.43KG
EVA Bag Size:	26(L)*22(W)*10(H)cm
Package with color box G.W.:	1.45KG
Color box size:	27(L)*23(W)*10.5(H)cm
Carton size:	56(L)*29(W)*48(H)cm

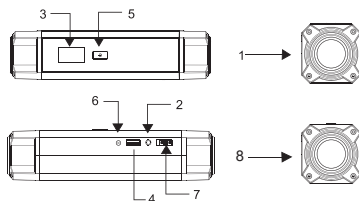


SAFETY INFORMATION:

1. Do not damage, drop or crush this item. Do not attempt to use this item or battery charger if it has been dropped, punctured, run over or damaged in any way.
2. Do not charge this item in wet conditions (rain, snow, damp). Do not use this product in explosive environments (dust, gaseous fumes, or flammable materials).
3. Do not burn or incinerate this product. It may explode, causing personal injury or damage. Toxic fumes and other potentially harmful materials are created when the battery is burned.
4. Do not disassemble this product. It may result in risk of fire, electric shock or exposure to battery chemicals.
5. Do not insert foreign objects into ANY input or output ports. This item may short circuit. Any metal that comes in contact with the jumper cable port may short circuit. Short circuiting this product will damage the battery and may cause personal injury or fire.
6. This is a Lithium ion battery. In the unlikely event that this product leaks battery chemicals, do not allow contact with skin, eyes or mouth as it may cause personal injury or burns. If skin is exposed to battery chemicals, wash with soap and water and rinse with vinegar. If your eyes come in contact with battery chemicals, immediately flush with water and then see a medical professional.
7. When recharging this item, make sure the area is well ventilated. Do not smoke or allow open flames near a charging battery.
8. Never jump start a frozen battery.
9. Never reversely connect the red & black clamps when the original car battery has been removed, or the car might be compromised.
10. Keep the product away from and out of reach of children.
11. Store this unit in a cool dry location. Do not expose the product to temperatures over 70°C or below -20°C.

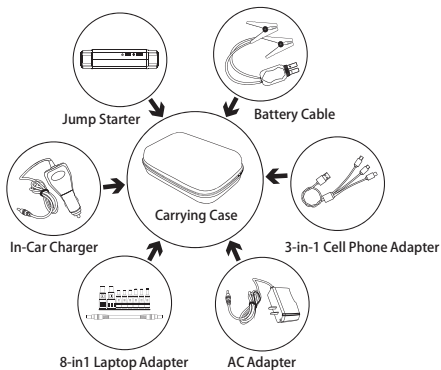


PRODUCT OVERVIEW:



- | | |
|-------------------|--|
| 1. Flashlight | 5. Multi-function Button |
| 2. 18V/1A Input | 6. 12-16-19v -3.5A Output |
| 3. LED Display | 7. Power ON/OFF |
| 4. 5V/2.1A output | 8. Battery terminal socket for the car start |

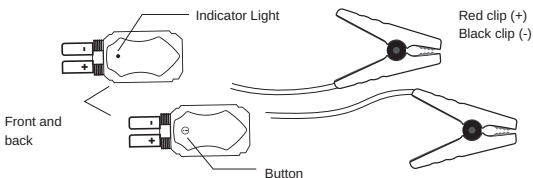
PACKAGE CONTENTS:



SMART JUMPER CABLE SAFETY FEATURES:

- 1) Reverse polarity connection: Solid Red LED with 2 quick short beeps.
- 2) Short-circuit protection: Solid Red LED with long beep (Beeping at a 3.3Hz Frequency).
- 3) Over-heat protection: Solid red LED with long beep (Beeping at a 2Hz Frequency).
- 4) Over-charging protection: Solid red LED with 2 quick short beeps.
- 5) Green/Red LED flashing: Searching for status of connection.
- 6) Green Led: Correct connection after one beep.

Please ensure the indicator light is green before attempting to start the vehicle. If it is not green and/or you hear a beeping sound, please refer to below possible issues:



Flashing	 	Detecting safe connection
Solid		Ready to boost
Solid	 (& Beep)	Failed connection. Possible causes: Reverse polarity, short circuit, overheat or low charge on jump starter.

Tips & Tricks

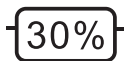
If the indicator light flashes red and green, you can long press the button for 3 seconds until you hear a beep and the light on the other side turns green.

QUICK GUIDE:

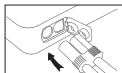
1. Jump Starting Vehicles

Before attempting to jump start your vehicle, please read your vehicle's owner manual to ensure there are no specific steps needed.

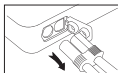
DO NOT crank the engine for more than 4 continuous seconds while the unit is connected to the battery. If the engine fails to crank or start, there may be a problem other than a discharged battery.



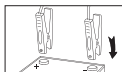
1st step:
Make sure $\geq 30\%$ power



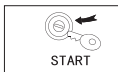
2nd step:
Insert the battery clamp to jump starter



5th step:
Remove the battery clamp from the jump starter and car battery



3rd step:
Connect red clamp with "+" of car battery, black clamp with "-"

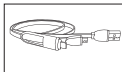


4th step:
Start the vehicle

ELECTRONIC DEVICE CHARGING:

Charging Electronic Devices

Cell Phone and Tablet Charging



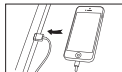
Step 1:

Use the included "Cell Phone" adapter cable.



Step 2:

Insert the USB charging line into 5V=2.1A/1A output of the jump starter



Step 3:

Insert the other end of the USB into the cell phone port.



Step 4:

Switch to "ON", then short press , to begin charging.

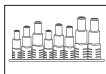


Step 5:

If your device supports QC2.0, a ⚡ will appear indicating highspeed charging, if not, your device will charge as usual.

For PSP as well as Digital Cameras and DVD's, see Cell Phone and Tablet Charging steps.

Laptop Charging



Step 1:

Use the included "Laptop" adapter cable.



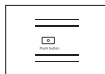
Step 2:

Insert the USB charging cable into the output of the jump starter.



Step 3:

Insert the other end of the USB into the laptop port.



Step 4:

Switch to "ON", then short press , to begin charging.

INPUT

Self-charging



Step 1:

Use the included
AC Adapter.



Step 2:

Insert  into 15V/1A
input of the jump starter.



Step 3:

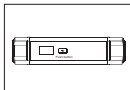
Plug  into household
220V/110V socket.

Flashlight Operation:

To turn on the flashlight, press and hold  for 3 seconds.

Press  again to shift to SOS, flashing.

Press  again to turn off the flashlight.



TROUBLESHOOTING:

Problem	Cause	Solution
No response when pressing the push button.	Low voltage protection activated.	Charge the unit with AC Adapter or car charger to deactivate the protection.
Jump start shuts down automatically when charging multiple electronics devices simultaneously.	Over current protection of jump start is activated.	Charge the electronic devices separately using other USB outlets, but keep the total output current within 3.5A



WARRANTY:

Limited Lifetime Warranty

Your PowerPatch product is backed by a limited lifetime manufacturer's warranty. PowerPatch will repair or replace your device at any time should it fail due to a defect in material or workmanship, subject to the certain limitations.

This limited warranty does not cover any damage that results from unauthorized or improper use, service, or repair. Further, it does not cover damage caused by accident, impact, negligence, or normal wear and tear. Should you discover your PowerPatch product is not functioning properly, please send your device to our repair center for evaluation. If your product cannot be repaired or serviced, we will reserve the right to change it for a similar or newer model.

Please note that a flat rate of \$35.00 will be charged to cover a service evaluation fee and return shipping of your device. All warranty claims must be accompanied by a copy of your proof of purchase from an authorized retailer. Please send your device, proof of purchase, and a check or money order in the amount of \$35.00 made out to PowerPatch to:

Address:

PowerPatch Service Center
3069 Taft Street
Hollywood, FL 33021

Contact:

warranty@powerpatchcharger.com



POWER™
PATCH

