ubiolabs JMB117E Smart Portable Car Jump Starter User Manual

Smart Portable Car Jumpstarter
And 29.97Wh Portable Power Bank & Charger
User Manual
JMB117

Contents

JMB117E Smart Portable Car Jump Starter

DO NOT RETURN TO THE STORE
Our customer service team is here to help.

At Ubio Labs, we always continue to improve our products' features and functionality, we reserve the right to

change specifications at any time without notice.

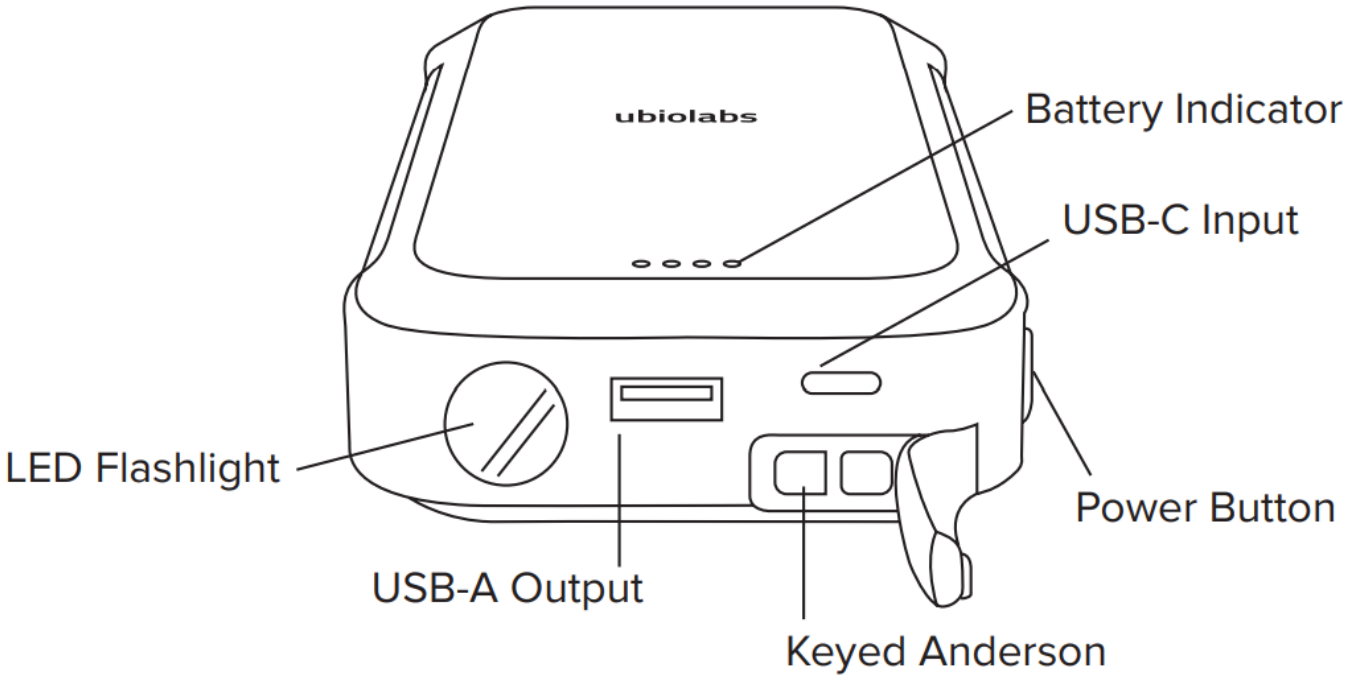
Warranty
At Ubio Labs we are dedicated to designing and manufacturing products with superior performance and 100% customer satisfaction. All of our products come with a 1 year limited warranty from date of purchase.
ATTENTION PLEASE!
We know you are excited to get charged up with Ubio, but for optimal battery performance please fully charge your portable charger before use or storage.
CAUTION!
Risk of fire, electric shock, or injury to person(s) if used improperly.

SAVE THESE INSTRUCTIONS

What's Included

350A Jumpstarter, 29.97 Wh portable charger
Jumper cables with attached smart LCD screen
Wall charger
USB-C cable
Custom carrying case

Power Bank Features

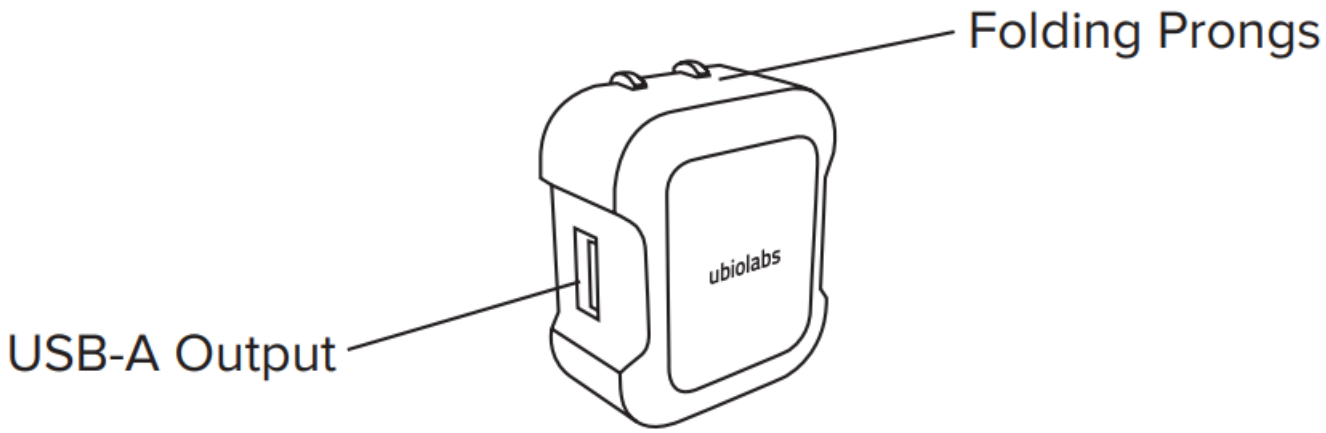


Power Bank Specification

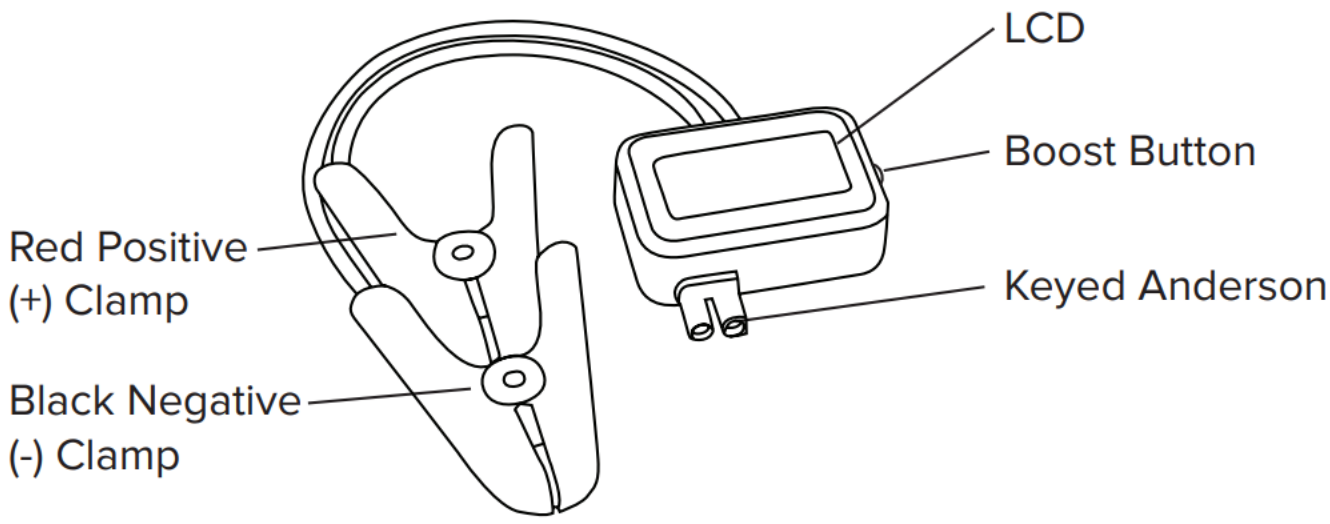
Model: JMP1015
Cell Type: Lithium Ion, 8,000mAh
Jump Start Current: 350A Max.
Input: USB-C 5V/2.4A
Output: USB-A 5V/2.4A
Compatibility: Most USB devices
Battery Indicators: 4 white LEDs each indicating 25% capacity
Flashlight LED: White, 85 lumens, 5 modes: bright/medium/low/SOS/off
Operating Temperature: -200C ~ 400C

Dimensions: 148 x 80 x 30 mm (5.8 x 3.1 x 1.2 in.)
Weight: 340g (12 oz.)

Wall Charger Features



Wall Charger Specification
Model: CHG1119
Input: AC 110-240V, 50-60Hz
Output: USB-A 5V/2.4A
Compatibility: Most USB devices
Dimensions: 43 x 25 x 50 mm (1.7 x 1 x 2 in.)
Weight: 50g (1.7 oz.)
Smart Jumper Cables Features

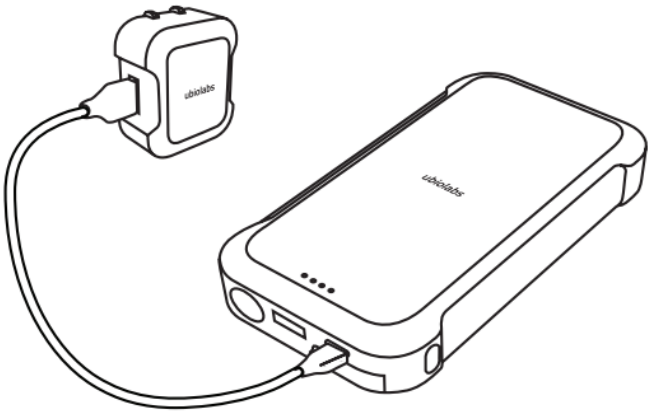


Smart Jumper Cables Specification

Model: OTC1004
Clamp Cable Type: 10AWG, UL certified cable
Connector: Two pins EC5 standard connector
Short circuit protection for boosting: 100A
Weight: 230g (8.1 oz.)
Protection: Reverse charge, reverse polarity, short circuit, overdischarge protection at <60% capacity, overcharge protection at 4.2V

Charging Your Portable Charger

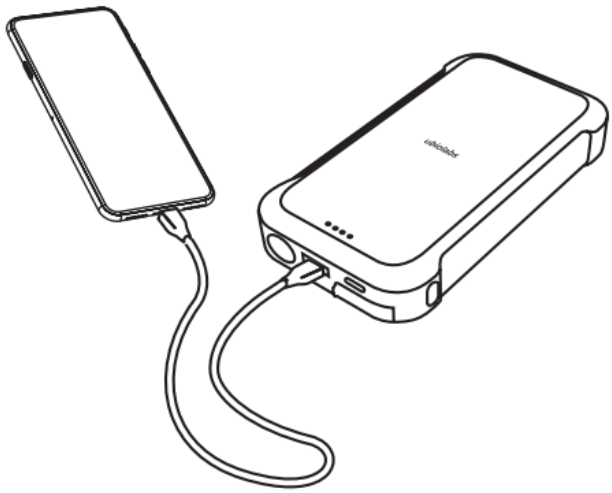
- Plug the portable charger into the USB-A wall charger using the included USB-C cable.
- The LED battery indicators will blink one by one indicating the portable charger is charging. Solid LEDs indicate the battery capacity.
- When fully charged, all LED indicators will be illuminated (see chart).
- Fully charging your portable charger will take approximately 4 hours from 0% charged.
- **Note:** We recommend recharging after each use or every 2-3 months.



0-25%	Flash ●	Off ○	Off ○	Off ○
25-50%	Solid ●	Flash ●	Off ○	Off ○
50-75%	Solid ●	Solid ●	Flash ●	Off ○
75-100%	Solid ●	Solid ●	Solid ●	Flash ●

Charging Your Device

- Your portable charger is compatible with most phones and tablets, and can be used with your own cable. Simply plug your device cable into the USB-A output to begin charging.
- When charging, the white LEDs will remain lit until the portable charger runs out (see chart).



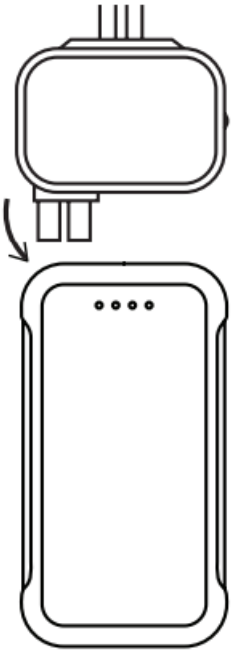
1 flash	2 solid	3 solid	4 solid
●	●	●	●
0-25%	25-50%	50-75%	75-100%

Using Your Flashlight
Press the power button for 1 second to start the LED illumination.
You can then select from 5 modes (bright/medium/dim/SOS/off) by pressing the power button lightly in sequence.

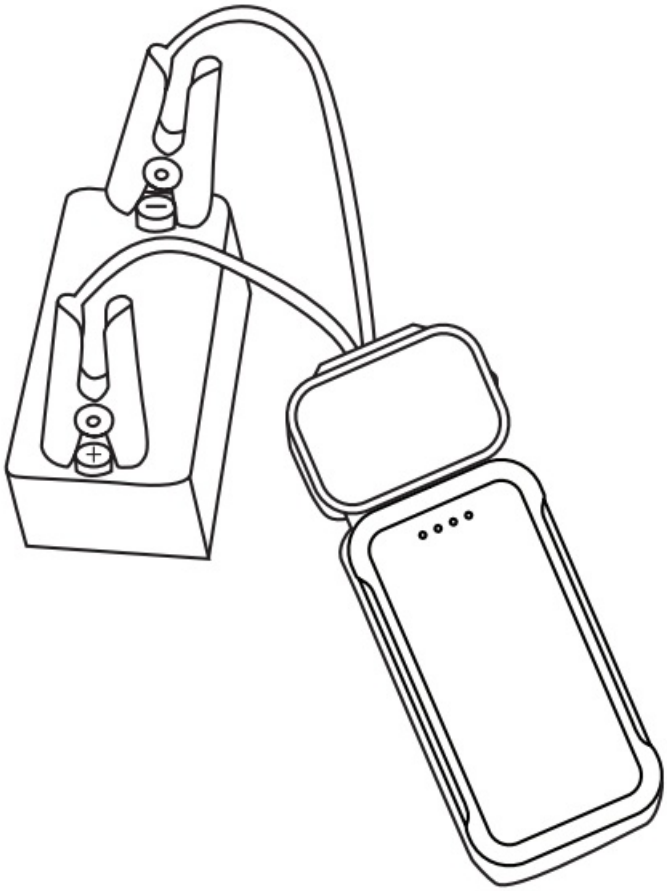
OPERATING INSTRUCTIONS

To jump start the vehicle battery, proceed as follows:

1. Put the vehicle in park or neutral for manual transmission vehicles. Locate the battery.
   Jumper cables are color coded, RED for POSITIVE (+) and BLACK for NEGATIVE (-). The smart screen will inform you if the cables are reversed.
2. Take the BLACK end of the smart screen jumper cable and insert it into the power bank jump start socket which is located underneath the black cover. The unit will turn on automatically when the smart cable is plugged in.



3. Clamp the RED jumper cable to the POSITIVE (+) post on the dead battery. The POSITIVE battery post will be slightly larger than the NEGATIVE post, and will be marked with a PLUS (+) sign. There may also be a RED plastic protective cover over the positive battery post.
4. Clamp the BLACK jumper cable to the NEGATIVE (-) post on the dead battery. The NEGATIVE will be marked with a MINUS (-) sign. There may also be a BLACK plastic protective cover over the negative battery post.



NOTE: Do not connect the red clamp (+) and the black clamp (-) at the same time.

NOTE: On some vehicles the battery is not easily accessible (because it is located inside a fender panel, trunk, etc.). So there may be special jumper connections in the engine compartment for jump starting the vehicle. Reference your vehicle user manual for details.

CAUTION: DO NOT lean directly over the battery while making jumper connections.

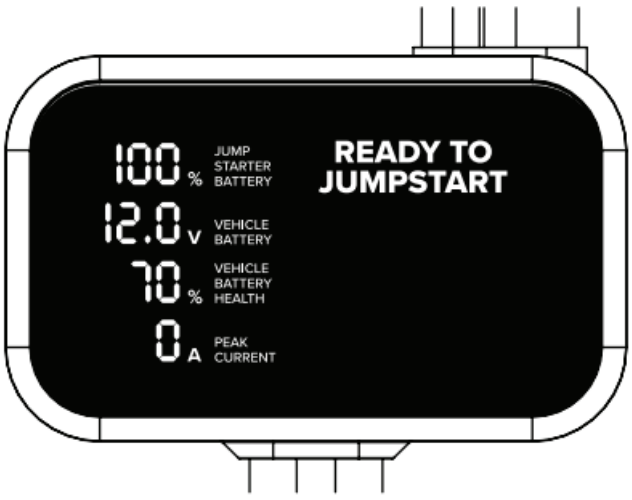
5. The smart screen will display jumpstarter battery %, vehicle battery voltage and %. If the car battery and jumpstarter have adequate voltage the display will show “Ready To Jumpstart”. You can start the vehicle. If the jumpstarter battery % blinks “Er” the jumpstarter is below 60% battery capacity and needs to be charged. The jumpstarter will timeout after 90 seconds if no jump attempted.
6. As soon as the engine starts, disconnect both jumper cables within 60 seconds. First remove the RED/POSTIVE end and then the BLACK/ NEGATIVE clamp. Do not allow the metal ends of the jumper cables to touch each other or the RED cables to touch anything metal on the car although the SmartSafe cable has protection circuitry to avoid any issues.
7. Keep the engine running 20 to 30 minutes, or drive the car to recharge the battery.
8. After running the vehicle, turn it off and reconnect the jumpstarter to check the battery voltage and battery health meter. If they are now above 10V or 50% health you know that your vehicle’s alternator has successfully recharged the battery, if these remain below 10V and 50% health, your battery is no longer capable of holding a charge and should be replaced.

   NOTE: If the engine dies shortly after it has been jump started, or as soon as the jumper cables are disconnected, it probably means the vehicle charging system is not working (bad alternator, voltage regulator, wiring problem or loose/dirty battery cables). Please seek professional help.
9. Do not disassemble the device.
10. Improper installation may cause fire or other hazards. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
11. The device shall be stored indoors and protected from the elements.
12. The unit shall not be charged outdoors.
13. When in use, steps should be taken to reduce the exposure to rain, sleet, snow, and the like.

A Guide To Your Smart Screen

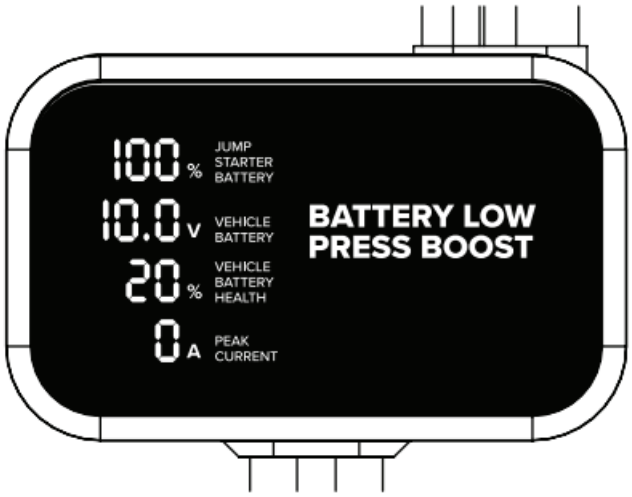
Ready To Jumpstart

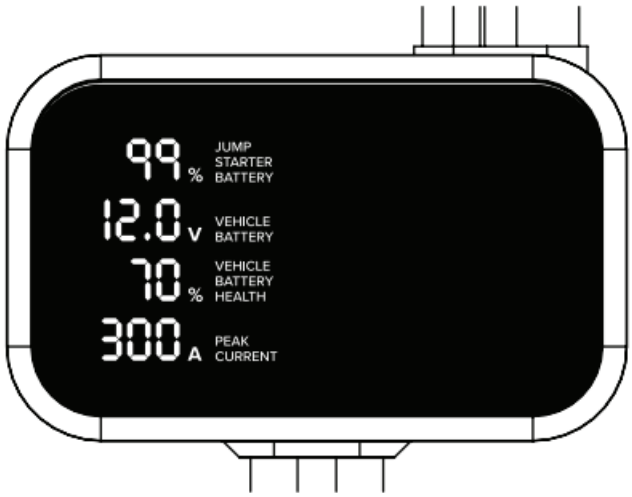
Lets you know you are good to go. Just turn the key.



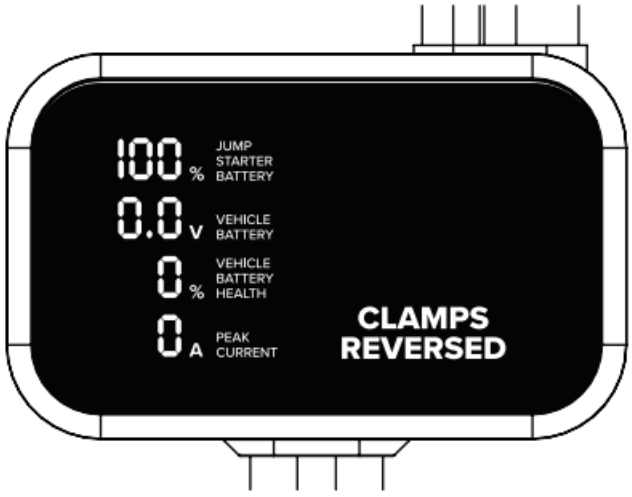
Vehicle Battery Low Press Boost

Boost function allows you to trickle charge a very dead battery to ensure a successful jump.

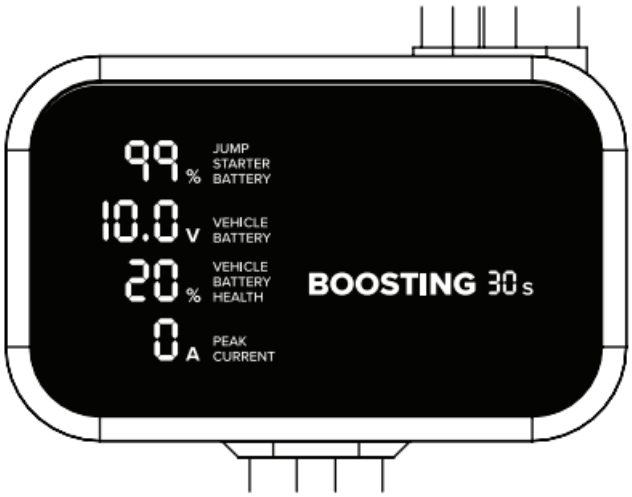




Clamps Reversed
Informs you when cables are not correctly attached. Protection circuitry ensures no harm can be done.



Boosting
Provides a 30 second boost to your battery so that it is ready to jump.



Battery Health Indicator
Displays vital information for your jump including jumpstarter battery level %, vehicle battery voltage, vehicle battery health indicator, and peak amp out. “Er” blink means the jumpstarter battery capacity is too low for a successful jump.

Internal Protection Circuitry

The built-in protection circuitry ensures no harm can be done to you, your vehicle, or the jumpstarter. Protection circuits include:

- Reverse charge protection prevents voltage from going to the jump starter after the vehicle starts.
- Reverse polarity protection prevents damage due to inverted connection to the battery.
- Short Circuit protection prevents damage caused when red and black clamps touch.
- Over discharge protection ensures the jumpstarter has appropriate capacity to provide a jump (>60%).
- Over charge protection ensures that the Lithium Ion battery in the jump starter never charged to a dangerous level.

INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS
WARNING: When using this product, basic precautions should always be followed, including the following:
a) Read all the instructions before using the product.
b) To reduce the risk of injury, close supervision is necessary when the product is used near children.
c) Do not put fingers or hands into the product.
d) Use of an attachment not recommended or sold by power pack manufacturer may result in a risk of fire, electric shock, or injury to persons.
e) To reduce risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the power pack.
f) Do not use a battery pack or appliance that is damaged or modified Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
g) Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
h) To reduce the risk of electric shock, unplug the power pack form the outlet before attempting any instructed servicing.
i) WARNING – RISK OF EXPLOSIVE GASSES.

1. WORKING IN VICINITY OF A LEAD ACID BATTERY IS DANGEROUS.
   BATTERIES GENERATE EXPLOSIVE GASSES DURING NORMAL BATTERY OPERATION. FOR THIS REASON, IT IS OF THE UTMOST IMPORTANCE

THAT YOU FOLLOW THE INSTRUCTIONS EACH TIME YOU USE THE JUMPSTARTER.

2. To reduce risk of battery explosion, follow these instructions and those published by battery manufacturer and manufacturer of any equipment you intend to use in vicinity of the battery. Review cautionary marking on these products and on engine.

   j) PERSONAL PRECAUTIONS

   1) Consider having someone close by to come to your aid when you work near a lead-acid battery.

   2) Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.

   3) Wear complete eye protection and clothing protection. Avoid touching eyes while working near battery.

   4) If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with running cold water for at least 10 minutes and get medical attention immediately.

   5) NEVER smoke or allow a spark or flame in vicinity of battery or engine.

   6) Be extra cautious to reduce risk of dropping a metal tool onto battery. It might spark or short-circuit battery or other electrical part that may cause explosion.

   7) Remove personal metal items such as rings, bracelets, necklaces, and watches when working with a lead-acid battery. A lead-acid battery can produce a short-circuit current high enough to weld a ring or the like to metal, causing a severe burn.

   k) When charging the internal battery, work in a well ventilated area and do not restrict ventilation in any way.

   l) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

   m) Do not expose a power pack to fire or excessive temperature.

   Exposure to fire or temperature above 130°C (265°F) may cause explosion.

   n) Attach output cables to a battery and chassis as indicated. Never allow the output clamps to touch one another.

   • Charge only using the charger provided.

   • Under extreme heat conditions, battery leakage may occur. Avoid contact with your skin. In case of skin or eye contact, rinse immediately with clean water and seek medical attention.

BATTERY DISPOSAL

The battery is self-contained and not consumer replaceable. The battery must be disposed of properly when it no longer holds a charge. Proper charging practices will increase the life of the product. For Information on battery recycling, call toll-free 800-822-8837. For information regarding air travel safety with batteries please reference this website by the U.S. Department of Transportation:

https://www.phmsa.dot.gov/safe-travel/batteries

Note: This 12V Car jump starter and portable power bank contains the equivalent of 2.4g of lithium and gives 30 watt hours of power.

Ubio Labs and its affiliates are not responsible for a user's intended or actual use of the jumpstarter. In no event shall Ubio Labs and its affiliates have any liability or losses (whether direct or indirect, in contract, or otherwise) incurred in connection with the Jumpstarter, including but not limited to damaged property, personal injury and/or loss of life. Neither Ubio Labs and/or its affiliates have any liability for any decision, action taken, based on relying on the stability or performance of the Jumpstarter. Ubio Labs and/or its affiliates, the manufacturer, distributor, and seller shall not be liable for any injury, loss, or damage, incidental or consequential arising out of the use or intended use of this product.

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Documents / Resources

	ubiolabs JMB117E Smart Portable Car Jump Starter [pdf] User Manual JMB117E, Smart Portable Car Jump Starter, JMB117E Smart Portable Car Jump Starter, Portable Car Jump Starter, Car Jump Starter, Jump Starter, Starter

References

- WIX Mobile Charging Accessories | Ubiolabs.com | United States