



VTOMAN V10 Jump Starter User Manual

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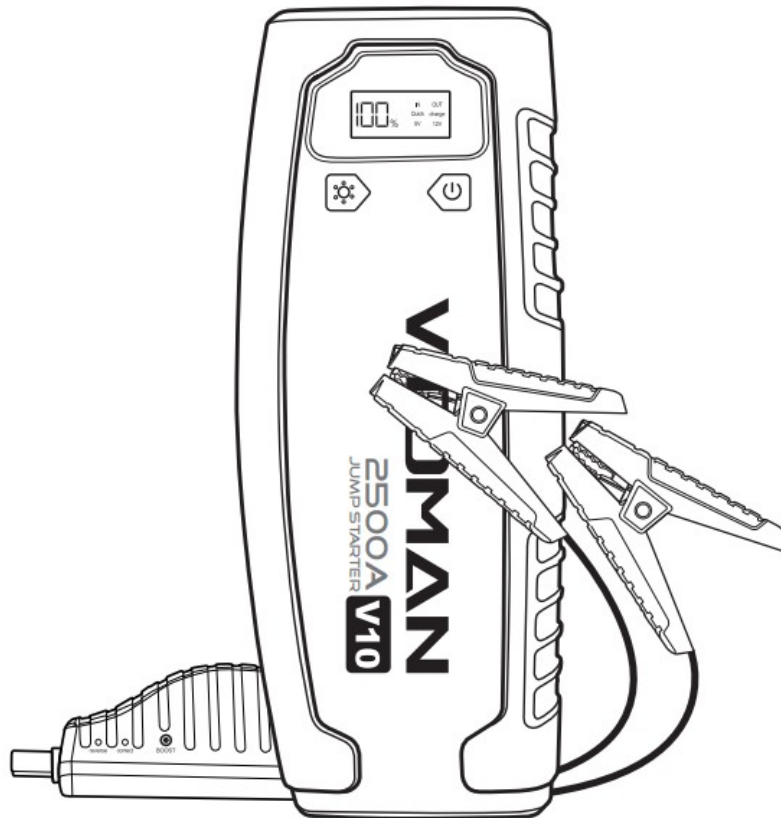
VTOMAN

TOOLS & BATTERIES

Jump Starter
User Manual

V10

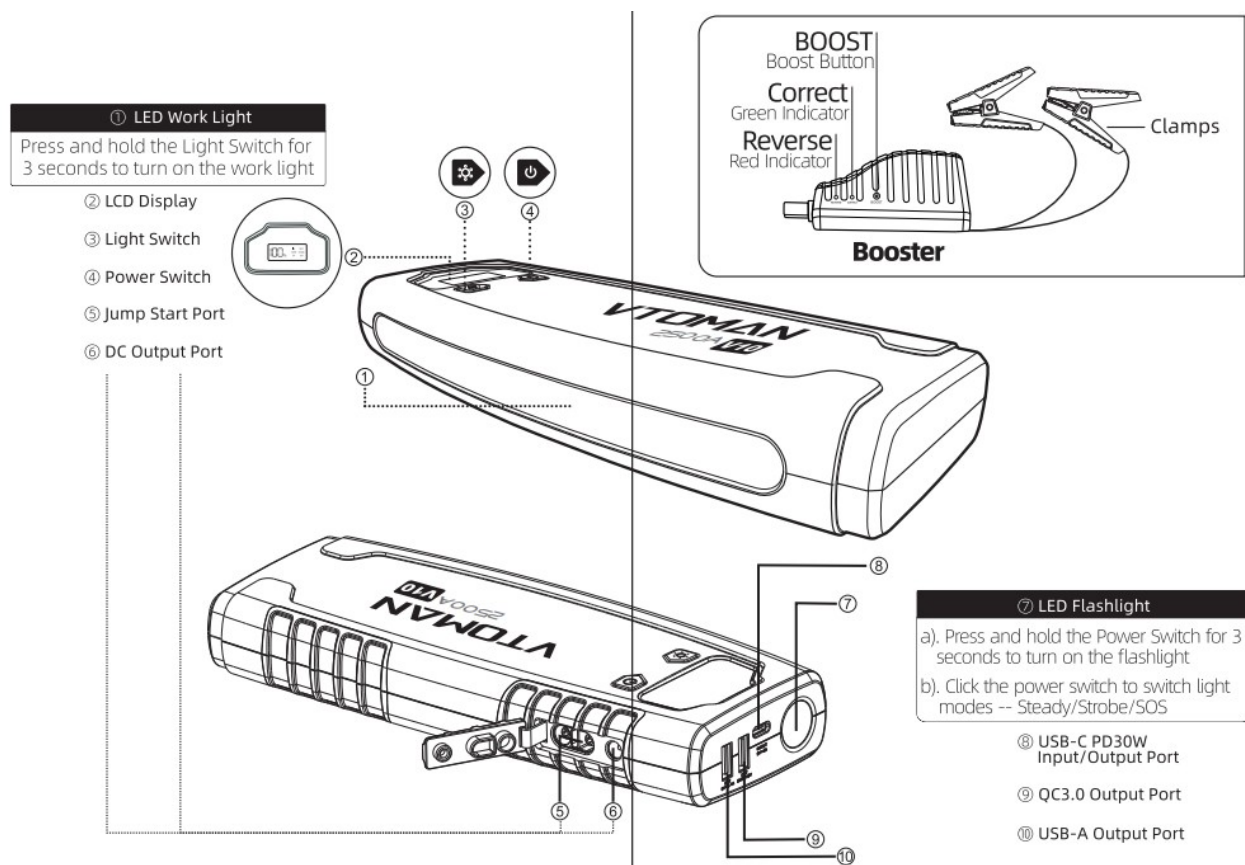
Model NO.: Epower-168



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PRODUCT OVERVIEW



SPECIFICATIONS

Dimension (mm)	230x94x35
Weight (g)	640
Internal Battery	Lithium ion
Cranking Current	500A
Peak Current	2500A
Battery Capacity	59.2Wh
Input/Output USB-C	5V/3A, 9V/3A, 12V/2.5A , 20V/1.5A
Output DC	12V/10A
Output USB-A	5V/2.4A
Output USB-A	5V/3A, 9V/2A, 12V/1.5A
Work Light	400 -Lumen
LED Flash Light	Steady/Strobe/SOS
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Recharging Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 122°F (-20°C to 50°C)

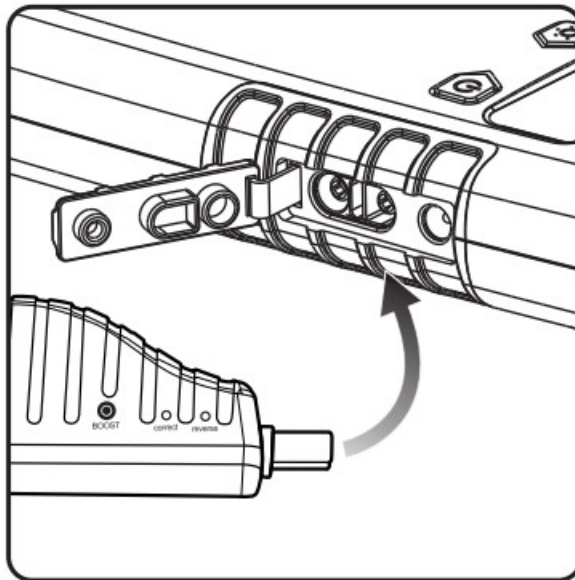
TOXIC AND HAZARDOUS SUBSTANCES

Mercury (Hg)	Cadmium (Cd)	Polybrominated Diphenyl Ethers (PBDEs)
0	0	0
Hexavalent Chromium [Cr(VI)]	Lead (Pb)	Polybrominated Biphenyls (PBBs)
0	0	0

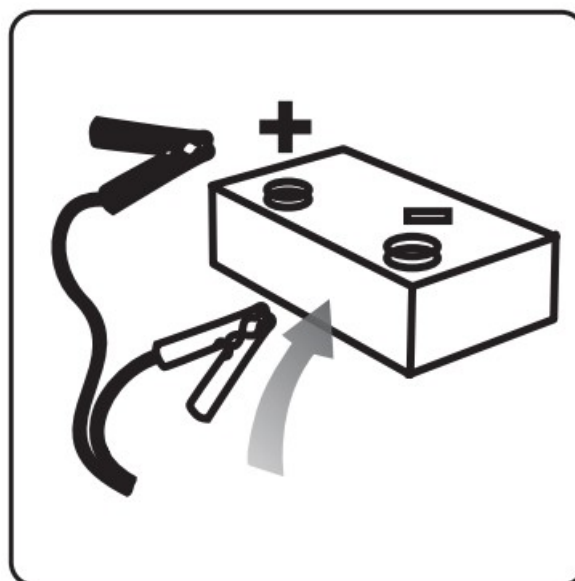
O :Indicate all homogeneous materials' hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC(ROHS).

HOW TO JUMP START YOUR VEHICLE

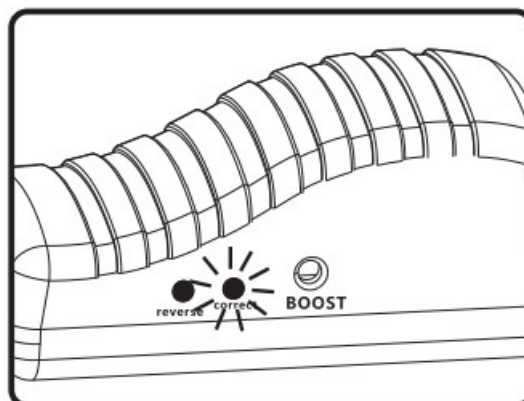
1. Insert the booster to your jump starter and ensure that the indicators on the booster are off.



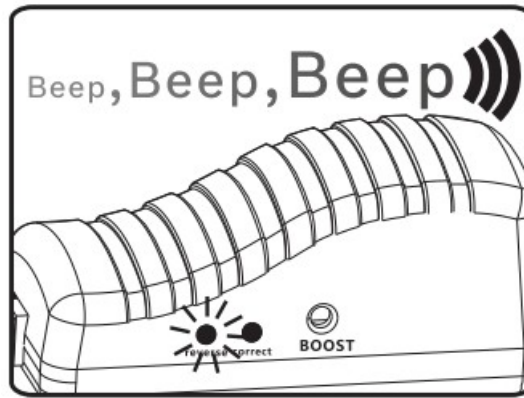
2. Connect the clamps to the car battery terminals. (Red to positive “+” Black to negative “-”)



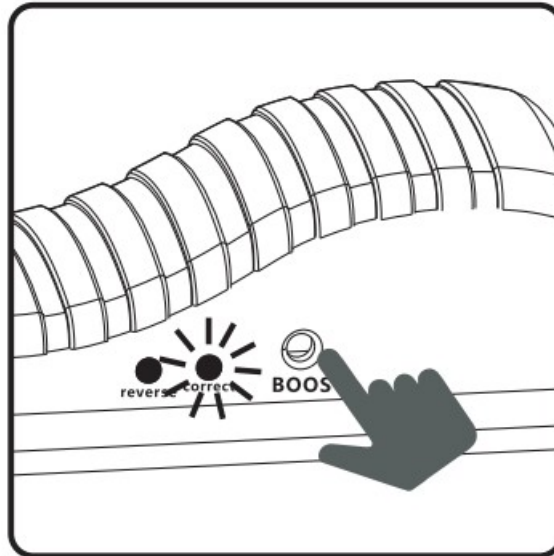
3. Jump start your vehicle referenced to the booster indicator status as follows.



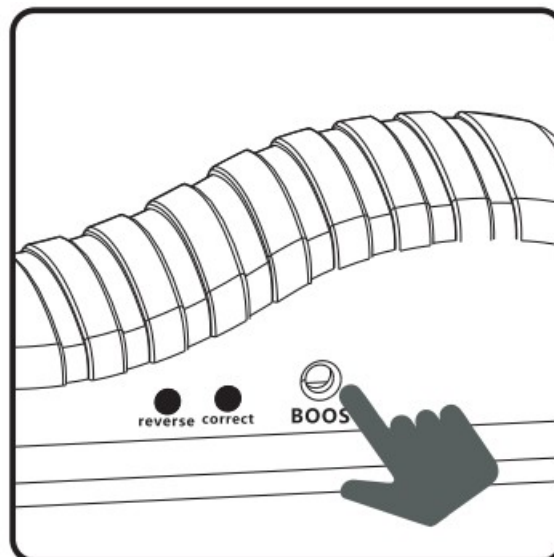
- a). When the green light is turned on, means the connection is correct and then start the engine.
- b). When the red light is turned on and a buzzer sound can be heard, means the clamps are connected to reverse terminals. Please connect the clamps correctly and make sure the green light is turned on before jump-starting the vehicle.



c). When the green light is flickering, means the car battery is on low voltage. Press the BOOST button and wait till the green light stops flickering. Start the engine within 30 seconds.



d). When both the green and red lights are off, means the car battery may be dead. Ensure the clamps are connected to the correct terminals. Press the BOOST button and wait till the green light is turned on. Start the engine within 30 seconds.



4. After your vehicle is jump-started, remove the battery clamps in 30 seconds.

HOW TO CHARGE YOUR V10?

1. Plug one end of a charging cable into the v10 Type-C input port.
2. Insert the other end of the charging cable into a wall charger.

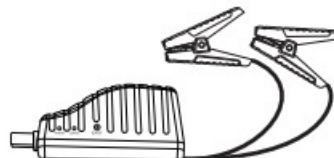
HOW TO CHARGE YOUR ELECTRONIC DEVICES?

1. Select a suitable charging cable for your device and connect it to the V10 output port.
2. Press the power switch to charge your phone, tablet, or other electronic devices.

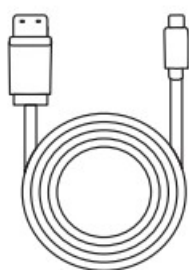
PACKING LIST



Jump Starter × 1



Booster with Clamps × 1



Charging Cable × 1



User Manual × 1

FAQ

How long can the jump starter be kept after a full charge?

Thanks to the extremely low self-discharge feature, the device can be kept for up to 18 months after a full charge. It is recommended to charge the device every 3 months to extend the service life. Do not store the device for a prolonged period of time when on low battery.

After a prolonged period of storage, can the jump starter be used immediately to jump-start a car?

If there is a need to use the device after a prolonged period of storage, please check the device to make sure there is at least 60% power. Otherwise, charge the device before using it to jump-start a car.

How to turn off the jump starter?

The device comes with a built-in power detection feature. When the charging is complete or there is no load, the jump starter will automatically go into sleep mode.

What is the expected lifespan of V10?

It could last for around five years if kept in good condition. The battery should support about 500 recharges from 0 to 100%.

How long does it take to recharge V10?

It takes around 4 hours to fully charge from 0 to 100% using a 15W charger while 2 hours with a 30W charger.

Can I use the jump starter to charge my electronic devices?

You can charge any mobile device via the built-in USB-A or Type-C output ports. Charging via the Type-C port, a cable that supports fast charging will be required.

TROUBLESHOOTING

If the following solutions could not fix your problems, stop using the device and contact us by Email: support@vtoman.com

Issues	Solutions
Unit has no response when pressing the power switch.	<ul style="list-style-type: none">• Recharge the jump starter.
Unit fails to jump-start.	<ul style="list-style-type: none">• Check the jump starter is full charged and recharge it if needed.• Make sure a proper battery clamp connection has been established• Attempt to multiple jump starts to warm up the battery in the freezing bad weather.
Unit fails to power electronic devices.	<ul style="list-style-type: none">• Check the jump starter is full charged and recharge it if needed.• Make sure a good connection between other devices and jump starter has been established.• Click the power switch after connecting other devices to the jump starter

INDICATOR LIGHT

Green Light	Red Light	Problems	Solutions
On	Off	/	Start the car normally.
Flickering	Off	The car battery is on low voltage	Press the BOOST button and wait till the green light stops flickering, start the engine within 30 seconds.
Off	Off	Dead car battery	Press the BOOST button and wait till the green light is turned on, start the engine within 30 seconds.
Off	Flickering	Over-current	Wait for 30 seconds.
Off	On	The device is on low battery	Recharge the device.
		Device temperature is high	Move the device to a low-temperature and ventilated place.
		Loose connection	Connect the booster to the device tightly.
Off	On with Buzzer Sound	Reverse Polarity Protection	Connect the clamps correctly.
Red and green lights flickering alternately		4 jump-starts in 10 minutes	Wait for 10 minutes for your next jump-start

SAFETY INSTRUCTIONS

1. Fully charge before using.
2. DO NOT use the device as a car battery or a toy.
3. Keep away from children when using the device.
4. The device ONLY works with 12V batteries.
5. ONLY use the battery clamps that come with the device. If the clamps or cable are damaged, stop using the device to avoid personal injuries.
6. DO NOT connect the positive and negative clamps to each other during operation.
7. Before jump-starting, ensure that the interface is free of rust or other foreign matter and connect the booster to your V10 tightly.
8. Remove the clamps from the car battery within 30 seconds after successfully starting the car to prevent any damage.
9. Do not start the device more than three times in a row, if multiple jump-starts need to be performed, ensure there is an interval of 3-10 minutes between each jump-start.
10. Do not use the clamps to power other devices.
11. Do not place the device in an environment where the temperature exceeds 122°F (50°C)
12. The device shall be charged at a temperature of 32°F to 104°F (0°C to 40°C)
13. Do not put the device in water or expose it to rain.
14. Do not expose the device to high temperatures or fires.
15. Do not use the device in an explosive environment with flammable liquid, gas, or dust.
16. Make sure that someone around is available to help you when using the device.
17. Before using the device, remove any metallic objects on your body, such as rings, bracelets, and necklaces.
18. Disconnect the booster to your V10 when not in use.

19. Do not use for damaged or modified batteries to avoid the danger of fire, explosion, and injury.
20. Use a charger with a similar specification to the device's input to recharge your v10.
21. Do not charge this device immediately after starting the car.
22. Do not attempt to jump start the car while charging the device.
23. The battery may leak in extreme cases. Do not touch the leaked liquid directly with your hands or skin. Rinse immediately with soap and water in case of contact. If the leaked liquid comes into contact with your eyes, rinse your eyes with cold water for at least 10 minutes and seek medical advice immediately.
24. Dead lithium batteries should be disposed of in accordance with local regulations.

CAUTION

This device is ONLY used for 12-Voltage vehicle (equipment) batteries.

Read and understand the safety instructions before using the jump starter.

Non-compliance may cause damage to the jump starter, and may also lead to electric shock, explosions, fire, property damage, and personal injury.

WARRANTY

Limited Warranty

Our warrants to the original consumer purchaser that the vroMAN products will be free from defects in workmanship and material under normal consumer use during the applicable warranty period identified in the "Warranty Period" section below, subject to the exclusions set forth below. This warranty statement sets forth VTOMAN's total and exclusive warranty obligation. we will not assume, nor authorize any person to assume for us, any other liability in connection with the sale of our products.

Warranty Period

The warranty period is 18 months. In each case, the warranty period is measured starting on the date of purchase by the original consumer purchaser. The sales receipt from the first consumer purchase, or other reasonable documentary proof, is required in order to establish the start date of the warranty period.

Remedy

VTOMAN' will repair or replace (at VTOMAN's option) any VTOMAN product that fails to operate during the applicable warranty period due to a defect in workmanship or material. If a valid claim is made during the applicable period, VTOMAN , at its option, will either (1) replace the product, or (2) exchange the product with a product that is of equal value. A replacement product assumes the remaining warranty of the original product or 180 days from the date of replacement, whichever is greater. Customers are responsible for the return shipping costs.

Limited to Original Consumer Buyer

The warranty ON VTOMAN's product is limited to the original consumer purchaser and to any subsequent owner.

Exclusions

VIOMAN's warranty does not apply to (i) any product that is misused, abused, modified, damaged by accident, or used for anything other than normal consumer use as authorized in VTOMAN's Current product literature, or (ii) any product purchased through an online auction house. VTOMAN's warranty does not apply to the battery cell unless the battery cell is fully charged by you within seven days after you purchase the product and at least every 3 months thereafter.

How to Receive Service

To obtain Warranty service, Contact Our CuSTOMmer service team at Support@vtoman.com

VTOMAN
TOOLS & BATTERIES
Customer Service



18 Months Limited Warranty Service



Lifetime Technical Service



Feel Free to Contact Us

Support@vtoman.com




For FAQ and More Information

Support@vtoman.com

Made in China



Documents / Resources

	<p>VTOMAN V10 Jump Starter [pdf] User Manual V10 Jump Starter, V10, Jump Starter, Starter</p>
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References

- [User Manual](#)