




# VTOMAN X1 Jump Starter User Manual

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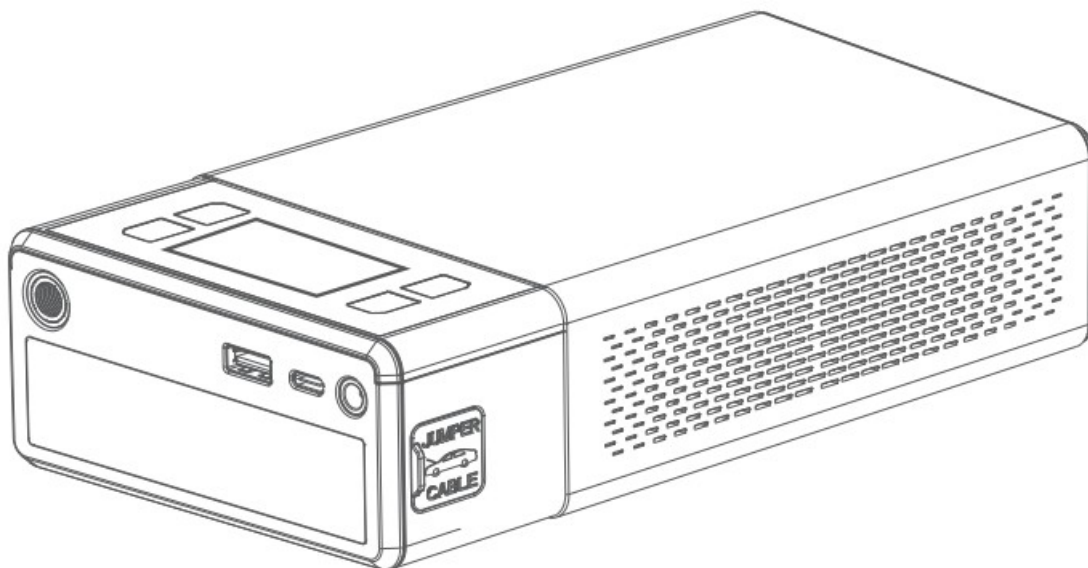
# VTOMAN

User Manual  
2500A1 00PSI  
Jump Starter  
Air Compressor

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## X1 Jump Starter



Model: V X1

Thank you for choosing vtoman jump starter. To ensure a good user experience, personal safety, and property security, please read all of the instructions carefully before using this product, please keep this manual for reference.



### Charge It First !

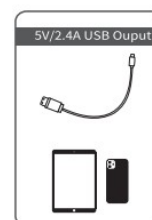
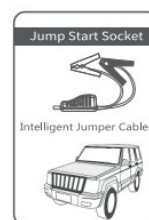
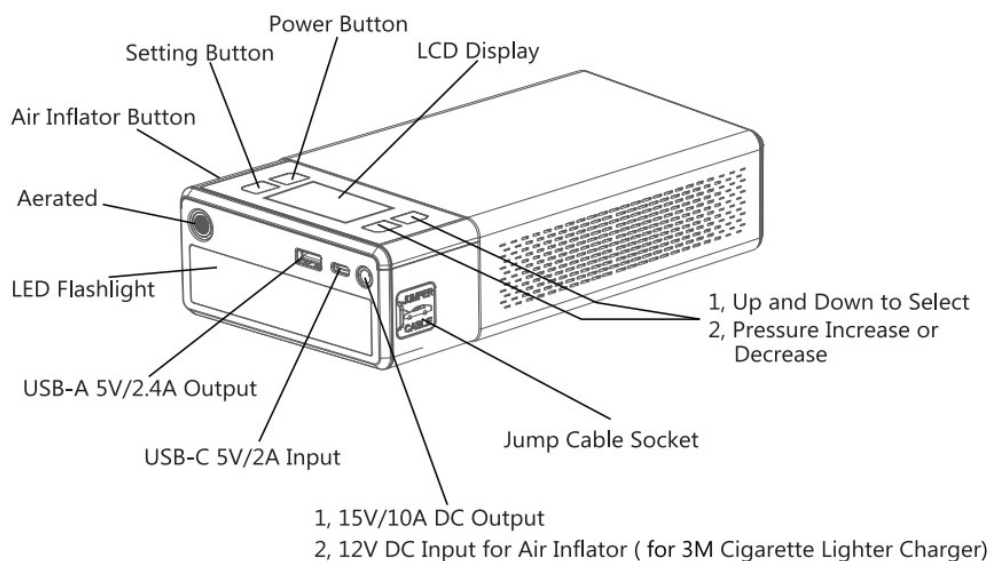
While reading through the manual, you can start to charge your V X1 with the wall charger and type-c cable provided.



### Warning

This unit is for vehicle (equipment) with 12V batteries. It may be dangerous if it is used with other types of batteries. Read and understand the safety information before using the jump starter. Failure to follow the safety information may cause damage to the jump starter, and may also result in electric shock, explosions, fire, property damage, and personal injury.

## Product Parts and Functions Description



## Operation Instructions

### Battery Power:

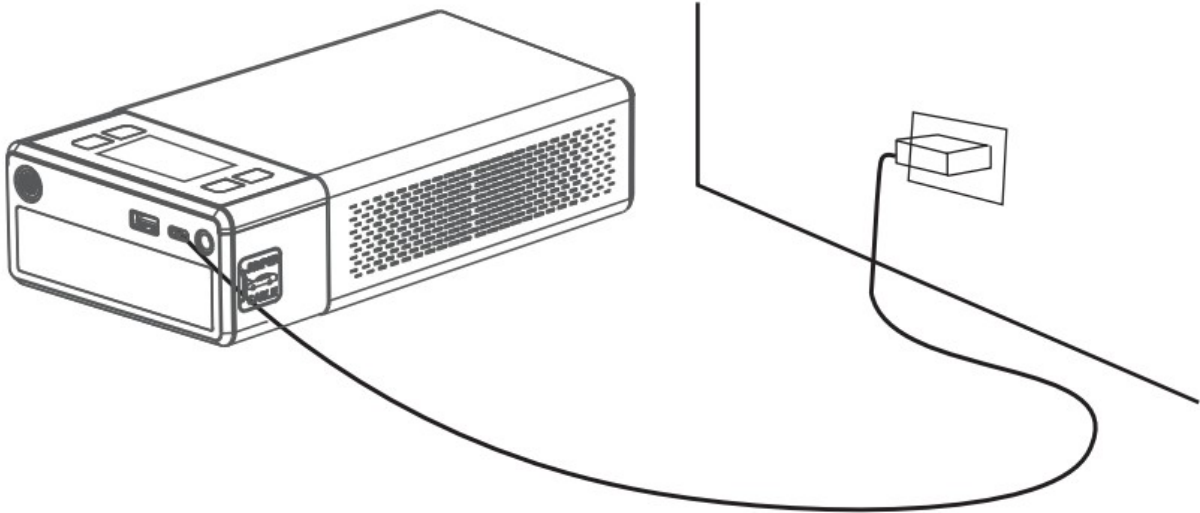
Press the power button to check the battery power:

Battery Icon	0 Bar	1 Bar	2 Bars	3 Bars	4 Bars
Battery Power	0%	25%	50%	75%	100%

The battery icon will blink one by one during the period of charging. Different bars of battery icon show different battery power, the battery icon becomes 4 bars when the charging process was finished.

#### How to Charge the V X1

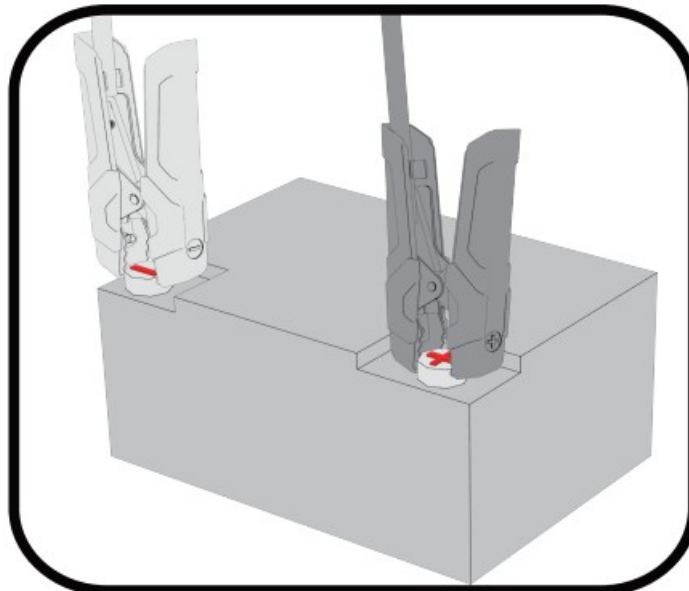
This unit can be charged with the type-c cable and 5V/2A wall charger we provided.



#### How to Start a 12V Vehicle (Make sure the battery power=2 bars)

**Note:** Do not press the “BOOST” button on the jumper cable before connecting the vehicle battery correctly.

1. Connect the vehicle battery



2. Green LED illuminates (solid)



3. Start the vehicle engine

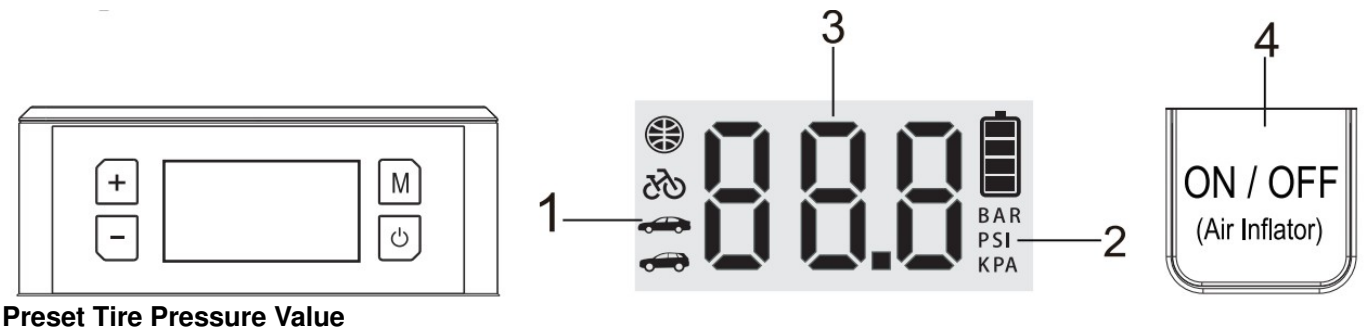


Check the LED indicator on the jumper cable and follow the instructions as below:

LED Indicator	Operation
Green LED (solid)	The connection is correct, you can start the vehicle directly.
Red LED+Beeping	Reverse connection, please correct the polarity of battery clamps.
Green LED (blinks) with beeping	The vehicle battery voltage is too low, try to press "BOOST" button on the jumper cable, when Green LED illuminates (solid), then start the vehicle within 30s.
No Light, No Beeping	The vehicle battery may be damaged, first of all, make sure the correct connection, try to press "BOOST" button on the jumper cable, when Green LED illuminates (solid), then start the vehicle within 30s.
Green+Red LED (blinks)	Non-stop starts vehicles more than 4 times within 10 mins, entering safe mode. Stop starting your vehicle, safe mode will disappear after 10 mins.

If any problem persists, stop using the jump starter and contact our service team directly at

Steps to Use the Air Inflator



Preset Tire Pressure Value

0.7BAR	
21BAR	
2.2BAR	
25BAR	

Power on, short press the “M” key to start to set the air inflator.

1. Press the “M” key once, the icon on the far left flashes, and then press the “+” or “-” keys to switch between “basketball”, “bicycle”, “car” and “SUV” icon.
2. Press the “M” key twice, the pressure unit icon flashes, and then press the “+” or “-” keys to switch between “BAR”, “PSI”, and “KPA”.
3. Press the “M” key again , the current target pressure value flashes, and then press the + or “-” keys to adjust the target pressure value.
4. After setting the target pressure value, press and hold the “ON/OFF” key for 3s to enter the air inflator mode. Similarly, press and hold the “ON/OFF” key for 3s to exit this mode.

How to Turn On/Off the LED Flashlight

Power on, then press power button for 2-3s to turn on the LED light. There are 3 modes of LED light (Normal, Strobe, SOS, Off) if you press lightly.

How to turn off this unit ?

This unit will be turned off automatically in 30s when it’s not used (no load) or press power button again to turn it off .

Toxic and Harmful Substances

Composition and amount of toxic or harmful substance in this product

Pb	Hg	Cd	Cr(Vi)	PBB	PBDE
0	0	0	0	0	0

0: Indicate that the content of harmful substances in all homogeneous materials is all lower than the prescribed

limit of MCV (the standard 2002/95/EC/RoHs)

## Package Content

#	Part Name	Quantity
1	Host	1
2	Smart Jumper Cable	1
3	USB-A to USB-C Cable	1
4	5V/2A Wall Charger	1
5	Carrying Bag	1
6	Pump Tube	1
7	Air Nozzle	3
8	User Manual	1

## Technical Specification

Capacity	66.6Wh
Starting Current	400A (3s)
Peak Current	2500A
USB-C In	5V/2A
USB-A Out	5V/2.4A
DC In	12V DC Input for Air Inflator
DC Out	15V/10A
Operating Temp	-20°C — 60°C 1-4°F —140°F
Life time	> 1000 Cycles
Full Charge Time	6-8 hours (5V/2A Charger)

## FAQ

Q1: What is the operating temperature of this unit and how to store it?

A: This unit is lithium polymer battery, operating temp is -20-60 °C/ -4-140°F. If the ambient temperature is higher than 60°C/140°F, the internal construction of the battery cells may be damaged, it may swell and become unsafe. So don't store the device in vehicle which parked in hot weather for long periods of time.

Q2: How to start a vehicle with this unit?

A: Please refer to the instructions about “How to Start a 12V Vehicle”.

Q3: How do you know if this unit is connected to the vehicle correctly?

A: With the battery clamps connected to the vehicle battery, when the LED indicator on the Jumper cable shines a steady green light, it means it's connected correctly. If red light illuminates (solid) with beeping, it means it's reverse connection.

Q4: What should I do if this unit can't start a vehicle?

A: Recharge this unit fully, and try to press the "BOOST

Q5: What should I do if this unit can't charge up?

A: Charge it with a usb-c cable and wall charger for a full overnight period. If it still does not work, contact us at: [support@vtoman.com](mailto:support@vtoman.com) ( Attach your order ID).

Q6: What should I do if this unit can't charge other devices?

A: Try to charge the device with another charging cable, If it works, which means the charging cable we provided is defective, we will provide you a new one; If it still does not work, please email us at: [support@vtoman.com](mailto:support@vtoman.com) ( Attach your order ID).

Q7: Can this unit charge other devices while it is being charged?

A: Yes.

Q8: Can this product charge other devices while starting a vehicle?

A: No.

Q9: How often does this unit need to be recharged?

A: It would be best to recharge it every 3 months.

Q10: Why it shuts off in 30s when charging other devices?

A.This unit may shut off automatically when charging for the devices that need light charging current, such as headphone, smart watch,etc since there is minimum load current limitation (200mA) on this unit, it will be automatically off after 30s if the load current is less than 200mA.



1. Please read this user manual carefully before using this machine.
2. Please be careful when using this machine. If you do not follow the instructions, you may injure yourself or

damage the equipment or vehicle battery.

3. Do Not allow people who do not have proper knowledge or ability to operate the device without supervision.
4. Do Not use this unit as a toy. Keep it away from children to avoid accident.
5. This unit work for vehicles (equipment) with 12V battery, doesn't for vehicles with non-12V battery. It is forbidden to be used in other machines, such as airplanes and ships.
6. Do Not use this unit when any cable, clamp, or cord was damaged or when this unit was overheated, swelled or leaking fluid.
7. Do Not use it as a vehicle battery or a battery charger.
8. Do not use the unit to start a vehicle while charging the internal battery.
9. Only use the battery clamps provided to start vehicle and the qualified charger to charge this unit.
10. Don't over-discharge the unit (don't let the battery run out), charge it regularly, it would be best to recharge it every 3 months.
11. Make sure the blue plug of the jumper cable is plugged fully into the battery clamps output port, otherwise, the blue plug could be melt.
12. Make sure the battery terminals are clean before starting up, and make sure the battery clamps are well connected. If the battery terminals on the vehicle are dirty or corroded, the output power of the unit will decrease.
13. Do not start the vehicle continuously for more than 4 times within 10 minutes. If the engine fails to start successfully within 3s after the first start, stop cranking and wait at least 30s to start the vehicle again.
14. Do Not connect the jump starter's clamps to the battery reversely after pressing the "BOOST" button to avoid accident.
15. Use this unit to start the vehicle when the battery power is more than 2 bars.
16. Do Not recharge this product immediately after starting the vehicle, please let it cool for 30 minutes before recharging it.
17. Do Not let the product be immersed in water
18. Do not operate this product in an explosive environment, such as a place where flammable liquid, gas or dust exists.
19. Do not modify or disassemble this machine. Only service technicians can repair this equipment.
20. Do not expose the product to extreme heat or fire.
21. Do not drop or squeeze the device. If the device is hit hard or damaged in any other way, it should be inspected by a qualified battery technician.
22. Do not store in places where the temperature may exceed 60°C/140°F.
23. Only charge at ambient temperature of -10~45°C/14~113°F.
24. Under extreme conditions, the battery may leak. If there is a liquid leak from the device, do not handle it with bare hands. If there is skin contact, wash immediately with soap and water. If the liquid accidentally touches the eyes, immediately rinse the eyes with water for at least 10 minutes and seek medical help.
25. The device contains a lithium battery. At the end of the product's service life, or if the device leaks liquid, dispose of the device according to local regulations.

## **Your Warranty Includes**

### **\*18 Months Online After- Sales Service**

Within 18 months, we will provide timely and effective online after- sales service after your purchase.

### **\* 30 Days Money Back Guarantee**



Within the first 30 days after your purchase, you can apply return for it through Amazon when you have any product issue.

**\* 30 Days to 18 Months**

We will replace the defective unit due to manufacturing issues with a new one within 18 months.

**Disclaimer**

A. When the product needs to be repaired or replaced, the original purchaser should show the original receipt (order ID), and the warranty will take effect.





B. The warranty does not cover damage or product failures caused by normal wear and tear, physical abuse, improper installation, misuse, modification, or unauthorized third-party repairs.

C. We are not responsible for any accidental or indirect damage caused by incorrect use or misuse of this product.

D. All warranty claims are limited to repair or replacement of the defective product and at the sole discretion of vtoman.

	<b>Attention</b>
	Do Not Submerge In Water
	Do Not Disassemble
	Do Not Drop
	Avoid Extreme Temperatures
	Do Not Place Near or Into Fire
	Overcharge/discharge Protection
	Fuse Protection
	Against-reverse Plug

**Customer Service**

	18 Months Limited Warranty Service
	Lifetime Technical Service
	Feel Free to Contact Us <a href="mailto:Support@vtoman.com">Support@vtoman.com</a>
	For FAQ and More Information <a href="mailto:Support@vtoman.com">Support@vtoman.com</a>

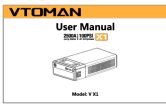
# VTOMAN

Thank You for Choosing Us



Made in China

## Documents / Resources

	<a href="#">VTOMAN X1 Jump Starter</a> [pdf] User Manual X1 Jump Starter, X1, Jump Starter, Starter
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