

VTOMAN V3 Pro

VTOMAN V3 Pro 2000A Jump Starter User Manual

Model: V3 Pro

1. PRODUCT OVERVIEW

The VTOMAN V3 Pro is a portable and compact car battery jump starter designed to provide reliable power for various vehicles. It also functions as a power bank and an emergency LED light, making it a versatile tool for automotive and outdoor use.



Image: The VTOMAN V3 Pro jump starter unit with its smart jumper cables attached, ready for use.

1.1 What's in the Box



Image: A visual representation of all items included in the VTOMAN V3 Pro jump starter kit.

- 1 x VTOMAN V3 Pro Car Jump Starter
- 1 x Smart Jumper Cables

- 1 x Type-C USB Charging Cable
- 1 x Carrying Bag
- 1 x User Manual

1.2 Product Diagram



Image: A detailed diagram highlighting the various ports and features of the VTOMAN V3 Pro jump starter, including the power switch, electricity indicator, 12V jumper cable interface, LED flashlight, Type-C input port, USB output port, and integrated compass.

1. **Power Switch:** Activates and deactivates the unit.
2. **Electricity Indicator:** Shows the current battery charge level.
3. **12V Jumper Cable Interface:** Port for connecting the smart jumper cables.
4. **LED Flashlight:** Provides illumination with multiple modes.
5. **5V/2A Type-C Input Port:** For charging the jump starter unit.
6. **5V/2.1A USB Output Port:** For charging external devices.
7. **Integrated Compass:** For navigation assistance.

2. SAFETY INFORMATION

Read all safety information before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

2.1 General Safety Precautions

- Do not expose the product to rain or wet conditions.
- Do not operate the product if it has been damaged.
- Keep out of reach of children.
- Ensure proper ventilation during use and charging.
- Do not short-circuit the jumper clamps.
- Always connect the positive (+) clamp to the positive (+) terminal and the negative (-) clamp to the negative (-) terminal.
- Disconnect the jumper cables from the jump starter before disconnecting from the vehicle battery.

2.2 Intelligent Safety Protections

The VTOMAN V3 Pro is equipped with 10 intelligent safety protection technologies to ensure safe operation:



Image: An illustration detailing the 10 intelligent safety protections integrated into the VTOMAN V3 Pro jump starter, including

over-charge, reverse-polarity, short-circuit, over-current, AI software, spark-proof, over-load, high and low-temperature, over-voltage, and reverse charge protection.

- **Anti-Spark Protection:** Prevents sparks during connection.
- **Reverse Charging Protection:** Protects against current flowing back into the jump starter.
- **Overcurrent Protection:** Safeguards against excessive current flow.
- **Overcharging Protection:** Prevents battery damage from overcharging.
- **Reverse Polarity Protection:** Alerts and protects against incorrect clamp connections.
- **High Temperature Protection:** Shuts down if internal temperature exceeds safe limits.
- **Low Temperature Protection:** Ensures safe operation in cold conditions.
- **Short Circuit Protection:** Prevents damage from short circuits.
- **Overvoltage Protection:** Protects against excessive voltage.
- **Overload Protection:** Prevents damage from drawing too much power.

If the jumper cable indicator shows a red light, it indicates an incorrect connection or a safety issue. Correct the connection before proceeding.

3. SETUP AND CHARGING

3.1 Initial Charging

Before first use, fully charge the VTOMAN V3 Pro jump starter. Use the provided Type-C USB cable and a compatible USB wall adapter (not included).

2.6 HOURS=24-MONTH STANDBY

FULLY CHARGED IN JUST 2.6 HOURS



*Wall charger not included

Image: The VTOMAN V3 Pro jump starter connected to a wall adapter via its Type-C USB cable for charging, illustrating the fast charging capability.

- Connect the Type-C cable to the input port on the jump starter.
- Connect the other end of the cable to a USB power source.
- The electricity indicator lights will illuminate to show the charging progress.
- A full charge takes approximately 2.6 hours.

4. OPERATING INSTRUCTIONS

4.1 Jump Starting a Vehicle (Standard Mode)

The VTOMAN V3 Pro can jump start 12V vehicles with up to 6L gasoline or 4L diesel engines. It can operate in temperatures from -4°F to 140°F.

BOOST MODE



Image: A three-step visual guide demonstrating how to jump start a car: 1. Insert jumper cables into the jump starter. 2. Connect clamps to the car battery (green light indicates correct connection). 3. Start the vehicle.

1. Ensure the jump starter is sufficiently charged.
2. Insert the smart jumper cable connector into the 12V jumper cable interface on the jump starter.
3. Connect the **red (+) clamp** to the vehicle's **positive (+) battery terminal**.
4. Connect the **black (-) clamp** to the vehicle's **negative (-) battery terminal**.
5. Once connected, the smart cable indicator light should be **solid green**, indicating a correct connection and readiness to jump start. If it's red, check connections.
6. Start your vehicle.
7. Once the vehicle starts, immediately remove the jumper cables from the vehicle battery, then disconnect them from the jump starter.

4.2 Jump Starting a Completely Dead Battery (Boost Mode)

If the vehicle battery is completely dead, the smart cable indicator light may be off or flashing green. In this scenario, use the Boost mode.



Image: A four-step visual guide for using Boost Mode: 1. Insert jumper cables. 2. Connect clamps (flashing green light). 3. Press the 'BOOST' button on the smart cable. 4. Start the vehicle.

1. Follow steps 1-4 from Section 4.1.
2. If the smart cable indicator light is off or flashing green, press the **"BOOST"** button on the smart cable.
3. The indicator light should turn solid green.
4. Start your vehicle within 30 seconds.

5. Once the vehicle starts, immediately remove the jumper cables from the vehicle battery, then disconnect them from the jump starter.

4.3 Using as a Power Bank

The V3 Pro features a 5V/2.1A USB output port to charge various mobile devices.



Image: The VTOMAN V3 Pro jump starter connected via USB to charge a smartphone, demonstrating its power bank functionality.

- Connect your device's USB charging cable to the USB output port on the jump starter.
- The jump starter will automatically begin charging your device.

4.4 Using the LED Emergency Light

The integrated LED flashlight has three modes for various situations.

LED FLASHLIGHT FOR CAMPING AND EMERGENCY

300 Lumens

SOS
STROBE
FLASHLIGHT



Outdoor Camping



Car Repair



Night Work



Blackout

Image: The VTOMAN V3 Pro jump starter's LED flashlight illuminating a dark area, with icons indicating its three modes: normal, strobe, and SOS.

- Press and hold the power button for 3 seconds to turn on the LED light (Normal mode).
- Press the power button once to switch to Strobe mode.
- Press the power button again to switch to SOS mode.
- Press the power button once more to turn off the light.

4.5 Compass Function

The V3 Pro includes an integrated compass for basic directional guidance during outdoor activities or emergencies.

5. MAINTENANCE AND STORAGE

Proper maintenance ensures the longevity and performance of your VTOMAN V3 Pro jump starter.



Image: An illustration depicting the 24-month standby time of the VTOMAN V3 Pro jump starter, highlighting its long-term charge retention.

- **Charging:** Recharge the unit every 3-6 months, even if not used, to maintain optimal battery health.
- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use harsh chemicals or abrasives.
- **Storage:** Store the jump starter in a cool, dry place away from direct sunlight and extreme temperatures. The unit has a 24-month ultra-long standby time and will automatically shut down after 30 seconds of inactivity to conserve power.
- **Temperature:** Avoid storing or operating in temperatures outside the recommended range (-4°F to 140°F).

6. TROUBLESHOOTING

If you encounter issues with your VTOMAN V3 Pro, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Vehicle does not start.	Low charge on jump starter, incorrect cable connection, vehicle battery completely dead.	Ensure jump starter is fully charged. Check cable connections (red to positive, black to negative). If battery is completely dead, use Boost Mode (Section 4.2).
Smart cable indicator is red.	Reverse polarity, short circuit, or other safety issue.	Immediately disconnect clamps. Recheck connections for correct polarity. Ensure clamps are not touching each other or other metal parts.
Jump starter not charging.	Faulty Type-C cable or USB adapter, unit malfunction.	Try a different Type-C cable and USB wall adapter. Ensure connections are secure. If issue persists, contact customer support.
LED light not working.	Unit off, low battery.	Ensure the unit is powered on. Check battery level and recharge if necessary.

7. SPECIFICATIONS

POCKET-SIZED JUMP STARTER

— Compact Car Battery Booster



5.95*3.15*1.15
Inches



0.61 lbs

Image: The VTOMAN V3 Pro jump starter held in a hand, illustrating its compact size and light weight (0.61 lbs), with dimensions of 5.95 x 3.15 x 1.15 inches.

Feature	Specification
Model	V3 Pro
Peak Current	2000 Amps
Engine Compatibility	Up to 6L Gasoline / 4L Diesel Engines
Battery Type	Lithium Polymer (2 batteries included)
Input (Type-C)	5V/2A
Output (USB)	5V/2.1A
Charging Time	Approx. 2.6 hours (0-100%)
Standby Time	Up to 24 months

Feature	Specification
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Product Dimensions	5.95"D x 3.15"W x 1.15"H
Item Weight	0.61 Pounds (approx. 9.8 ounces)

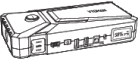
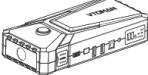

8. WARRANTY AND SUPPORT


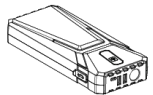

VTOMAN provides comprehensive support for its products.

- **Warranty:** 18-month warranty from the date of purchase.
- **Technical Support:** Lifetime technical support is available.
- **Contact:** For any after-sales questions or technical assistance, please contact VTOMAN customer service. Refer to the product packaging or official VTOMAN website for contact details.

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Related Documents - V3 Pro

<div><div><div>VTOMAN</div><div>User Manual</div><div>Jump Starter</div></div><div><div>Model: V8</div></div></div>	<p>VTOMAN V8 Jump Starter User Manual</p> <p>User manual for the VTOMAN V8 Jump Starter, detailing its parts, functions, operating instructions, technical specifications, and safety warnings. Learn how to jump start vehicles, charge devices, and use the LED flashlight.</p>
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<div><div><div>VTOMAN</div><div>TOOLS & BATTERIES</div></div><div><div>User Manual</div><div>Jump Starter</div></div><div><div>V6 Pro</div><div>Model No. Epower-20</div></div></div>	<p>VTOMAN V6 Pro Jump Starter User Manual</p> <p>User manual for the VTOMAN V6 Pro portable car jump starter. Includes configurations, electricity indicators, key points, instructions for charging and jump-starting, package content, specifications, Q&A, troubleshooting, precautions, and customer service information.</p>

<div data-bbox="118 98 296 349"><p>VTOMAN Tools & Batteries</p><p>User Manual Jump Starter with Air Compressor</p><p>X5</p><p>Model No.: JS-395</p></div>	<p>VTOMAN X5 Jump Starter with Air Compressor User Manual</p> <p>User manual for the VTOMAN X5 Jump Starter with Air Compressor, detailing its components, functions, operation, technical specifications, FAQs, troubleshooting, and maintenance.</p>
<div data-bbox="118 421 296 663"><p>VTOMAN TOOLS & BATTERIES</p><p>User Manual V10 PRO Jump Starter</p><p>Model No.: JS-391</p></div>	<p>VTOMAN V10 PRO Jump Starter User Manual</p> <p>User manual for the VTOMAN V10 PRO Jump Starter (Model No.: JS-391). This guide provides instructions on product layout, operation, charging, jump-starting vehicles, charging mobile devices, technical specifications, FAQs, troubleshooting, and safety warnings.</p>
<div data-bbox="118 712 309 824"><p>VTOMAN</p><p>User Manual Portable Power Bank</p><p>Model V X1</p></div>	<p>VTOMAN X1 Portable Jump Starter User Manual</p> <p>This user manual provides instructions for operating the VTOMAN X1 portable jump starter and power bank, including safety precautions, jump-starting procedures, device charging, and specifications.</p>