

VTOMAN X5 (Epower-325)

VTOMAN X5 Jump Starter with Air Compressor User Manual

Model: X5 (Epower-325) | Brand: VTOMAN

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your VTOMAN X5 Jump Starter with Air Compressor. The VTOMAN X5 is a versatile device designed to provide emergency jump-starting capabilities for vehicles, inflate tires, and serve as a portable power bank. Please read this manual thoroughly before operation to ensure proper usage and to maximize the lifespan of your device.



Image: The VTOMAN X5 unit, showcasing its compact design, digital display, and included jumper cables and various inflation nozzles.

Safety Information

Your safety is paramount. The VTOMAN X5 is equipped with multiple safety features to protect both the user and the device. Adhere to the following guidelines:

- Always ensure proper connection of jumper cables. The device features an indicator light that will show a reverse red light if connections are incorrect, preventing sparks and damage.
- The unit incorporates comprehensive protection features including: **spark-proof, reverse-charge, over-current, over-charge, reverse-polarity, high-temp, low-temp, short-circuit, over-voltage, and over-load protection.**
- Do not operate the air compressor continuously for extended periods. If the unit becomes excessively hot during inflation, allow it to cool down for several minutes before resuming operation.
- The Type-C port is the *only* input charging port. The DC output port is exclusively for powering car products

(e.g., vacuum cleaners) and is not a charging input. Use only Type-C cables for charging the X5. Improper charging can lead to safety hazards.

- Keep the device away from water, moisture, and flammable materials.
- Do not disassemble or attempt to repair the unit yourself. Contact customer support for assistance.
- Store the device in a cool, dry place, out of reach of children.



Image: An internal view of the VTOMAN X5, illustrating its advanced protection circuitry designed for safe operation.



Image: A visual representation of the ten intelligent safety protections integrated into the VTOMAN X5, including short circuit, reverse polarity, over current, over charge, low temp, high temp, over voltage, over load, spark proof, and reverse charge protection.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x VTOMAN X5 Jump Starter with Air Compressor
- 1 x Smart Jumper Cable
- 1 x USB-A to USB-C Cable
- 1 x USB-C to USB-C Cable
- 1 x Storage Bag
- 1 x Pump Tube
- 5 x Air Nozzles (various types for different inflatables)
- 1 x User Manual (this document)



Image: All components included in the VTOMAN X5 kit, neatly arranged, including the main unit, smart jumper cable, USB cables, pump tube, air nozzles, storage bag, and user manual.

PRODUCT FEATURES AND COMPONENTS

The VTOMAN X5 is designed for ease of use and high performance:

- **Powerful Jump Starter:** Delivers 3500A peak current, capable of starting 12V vehicles with up to 9L gas or 8L diesel engines. Can provide up to 60 jump starts on a single charge.
- **Integrated Air Compressor:** 160PSI digital air compressor can inflate a typical car tire to 20 PSI in approximately 2 minutes. Features real-time tire pressure detection and auto shut-off.
- **Large 5.1-inch Smart Screen:** Provides clear display of battery level, inflator mode, inflate volume, and tire pressure in PSI, BAR, or KPA units.
- **Multi-functional LED Light:** A 400-lumen LED light with three modes: Normal, Strobe, and SOS, useful for emergencies and illumination. Can function as a warning triangle.
- **Power Bank Functionality:** Equipped with USB-C input (18W fast charging), USB-C output (5V/3A, 9V/2A, 12V/1.5A), and a DC output (15V/10A) for powering other devices.
- **Advanced Thermal Design:** Features a honeycomb heat dissipation design to prevent overheating and ensure optimal performance in extreme temperatures (-4°F to 140°F).

EASY TO USE LARGE 5.1-IN SCREEN
provide data such as battery level,
inflator mode and real-time tire pressure



Image: A detailed view of the VTOMAN X5's intelligent 5.1-inch screen, showing its clear digital display for various functions.



Image: The VTOMAN X5 positioned on a road, demonstrating its use as a warning triangle with its bright LED light for roadside emergencies.

SETUP

Initial Charging

Before first use, fully charge your VTOMAN X5.

1. Locate the USB-C input port on the device.
2. Connect the provided USB-C to USB-C cable (or USB-A to USB-C cable with a compatible adapter) to the input port.
3. Plug the other end of the cable into a suitable USB wall charger (not included).
4. The screen will indicate charging status. Charge until the battery indicator shows full.

Note: The X5 supports 18W fast charging. A full charge can take several hours depending on the charger's output. The device can hold a charge for up to 24 months in standby.

HOW TO CHARGE X5?

please use this type-C port to charge



Image: Instructions on how to charge the VTOMAN X5 using its Type-C input port, emphasizing that the DC output is not for charging.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

Follow these steps to safely jump start your vehicle:

1. **Insert:** Plug the smart jumper cable into the jump starter's port. Ensure it is fully inserted.
2. **Connect:** Attach the red clamp to the positive (+) terminal of your vehicle's battery and the black clamp to the negative (-) terminal. The smart cable indicator light will turn green if connected correctly. If it shows a red light, check your connections.
3. **Use Boost Function (if needed):** If your car battery is completely dead or too low for the jump starter to detect, press the "BOOST" button on the smart cable.
4. **Start your vehicle:** Once the indicator is green, start your vehicle's engine.
5. **Detach & Go:** After the engine starts, immediately remove the jumper clamps from the car battery, then disconnect the smart cable from the jump starter.



Image: The VTOMAN X5 connected to a car battery, illustrating its 3500A jump-starting capability for various engine sizes.



Image: A four-step visual guide demonstrating the process of jump starting a vehicle using the VTOMAN X5, from inserting the cable to starting the engine.

Inflating Tires and Other Inflatables

The integrated air compressor can inflate tires, balls, and other items:

1. **Assemble the tube:** Screw the pump tube onto the inflation port of the X5.
2. **Connect the tube:** Attach the appropriate air nozzle to the pump tube and connect it securely to the item you wish to inflate (e.g., tire valve stem).
3. **Adjust the inflation mode:** Use the controls on the X5's screen to select the desired inflation mode (car, motorcycle, bicycle, ball) and set the target pressure (PSI, BAR, or KPA).
4. **Press the power button to start work:** Press the power button to begin inflation. The compressor will automatically stop once the preset pressure is reached.

Note: The X5 can inflate a typical car tire (0 to 20 PSI) in approximately 2 minutes.

160 PSI SUPER FAST

CORDLESS TIRE INFLATOR

BICYCLES BALLS INFLATABLE BOATS CARS & MOTORCYCLES

PSI KPA BAR

0 TO 20 PSI IN 2 MINUTES

VTOMAN
3500A 160PSI X5
Jump Starter Air Compressor

Image: The VTOMAN X5 actively inflating a car tire, showcasing its 160 PSI cordless tire inflator function and quick inflation time.



Image: A four-step visual guide detailing how to inflate items using the VTOMAN X5, from assembling the tube to starting the inflation process.



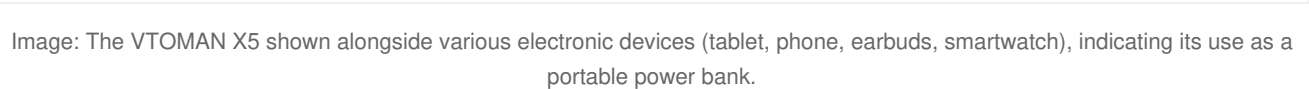
Image: Examples of versatile usage for the VTOMAN X5's air compressor, including car tires, bicycle tires, basketballs, and inflatable pool floats.

Using as a Power Bank

The VTOMAN X5 can charge your electronic devices:

- Connect your device's charging cable to the USB-C output or USB-A output port on the X5.
- The X5 will automatically begin charging your device.
- The DC output port (15V/10A) is designed for powering 12V car accessories, such as car vacuum cleaners or portable refrigerators.

The image is a product advertisement for the VTOMAN 3500mAh 160PSI XS portable power station. The device is a black, rectangular unit with a digital display on the front showing '100%' battery level and '10000mAh' capacity. It has various ports including USB-C, USB-A, and DC. The device is shown connected to a laptop, a smartphone, and a tablet. The text 'Empowering You with True Capacity' is prominently displayed at the top. The VTOMAN logo and product specifications are visible on the top of the device. The background is a dark, textured surface.



Using the LED Light

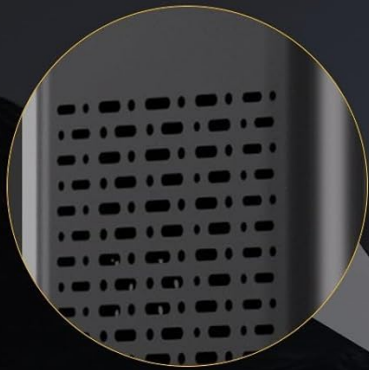
The built-in LED light has three modes:

- Press the light button once for **Normal** illumination.
- Press again for **Strobe** mode.
- Press a third time for **SOS** signal mode.
- Press a fourth time to turn off the light.

MAINTENANCE

- **Recharging:** For optimal battery health, recharge the X5 every 3-6 months, even if not in use. The device has a standby time of up to 24 months.
- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry environment, away from direct sunlight and extreme temperatures. Ensure it is fully charged before long-term storage.
- **Thermal Management:** The X5 features a honeycomb heat dissipation design. Ensure the ventilation areas are not blocked during operation, especially when using the air compressor.

HONEYCOMB HEAT DISSIPATION DESIGN



Enhance **30%**
Safety Performance

Promote **50%**
Service life



*Data comes from VTOMAN laboratory.

Image: A close-up of the VTOMAN X5's honeycomb heat dissipation design, which enhances safety and extends service life.

TROUBLESHOOTING

If you encounter issues with your VTOMAN X5, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Device does not turn on. | Battery is completely discharged. | Charge the device fully using the Type-C input. |
| Vehicle does not jump start. | Incorrect clamp connection; Vehicle battery too low; Device battery too low. | Ensure clamps are connected correctly (red to +, black to -). Use the BOOST function if battery is very low. Ensure X5 is sufficiently charged. |
| Air compressor stops or overheats. | Continuous operation; Blocked ventilation. | Allow the unit to cool down for several minutes. Ensure ventilation ports are clear. Avoid continuous operation for more than 10 minutes. |

| Problem | Possible Cause | Solution |
|---------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Tire pressure reading is inaccurate. | Improper nozzle connection; Sensor calibration. | Ensure the nozzle is securely attached to the valve stem. If issues persist, contact support. |
| Device not charging external devices. | Device battery low; Incorrect port used. | Ensure X5 has sufficient charge. Use USB-C or USB-A output ports for charging. DC output is for powering car products only. |

SPECIFICATIONS



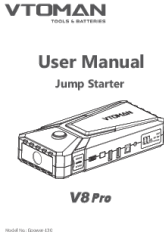

| Feature | Specification |
|----------------------------|-----------------------------------------|
| Model | Epower-325 |
| Peak Output Current | 3500 Amps |
| Engine Compatibility | Up to 9L Gas / 8L Diesel (12V vehicles) |
| Air Compressor Pressure | 160 PSI (Max) |
| Product Dimensions | 1.97"D x 4.9"W x 9"H |
| Item Weight | 3.19 pounds (1.45 Kilograms) |
| Battery Type | Lithium Polymer (2 required, included) |
| Battery Life Cycles | 1000+ Cycles |
| USB-C Input (Quick Charge) | 9V/2A (18W) |
| USB-C Output | 5V/3A, 9V/2A, 12V/1.5A |
| DC Output | 15V/10A |
| LED Light Output | 400 Lumens |
| Operating Temperature | -4°F to 140°F (-20°C to 60°C) |

WARRANTY AND SUPPORT

VTOMAN stands behind the quality of its products.

- **Warranty:** Your VTOMAN X5 comes with a **24-month warranty** from the date of purchase.
- **Money-Back Guarantee:** A 30-day money-back guarantee is offered for any reason.
- **Technical Support:** Lifetime technical support is available.
- **Customer Service:** For any questions or assistance, please contact VTOMAN customer service. They aim to provide quick replies within 24 hours.
- **Support Phone:** 1-888-818-9811 (US Mon. - Fri. 9 a.m. - 5 p.m. PST)

Related Documents

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>VTOMAN TOOLS & BATTERIES</p> <p>User Manual Jump Starter with Air Compressor</p> <p>X5</p> <p>Model No. X5-1000 1000</p> | <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> |
|  | <p>VTOMAN X7 Jump Starter with Air Compressor User Manual</p> <p>Discover the VTOMAN X7 Jump Starter with Air Compressor, a powerful and versatile portable device for 12V vehicles. This user manual provides detailed instructions on its unmatched startup performance, intelligent digital tire inflator, 5.1-inch smart display, multiple safety protections, and thermal design. Learn how to use its jump-starting, tire inflation, and power bank functions, troubleshoot common issues, and maintain the device for optimal performance and extended service life. Ideal for cars, SUVs, trucks, and boats.</p> |
|  <p>VTOMAN TOOLS & BATTERIES</p> <p>User Manual Jump Starter</p> <p>V8 Pro</p> <p>Model No. Epower-130 130</p> | <p>VTOMAN V8 Pro Jump Starter User Manual (Model Epower-130)</p> <p>Detailed user guide for the VTOMAN V8 Pro Jump Starter (Model Epower-130). Learn about its features, how to charge it, jump start a vehicle, use its various output ports, and understand safety precautions. Includes specifications, FAQ, and package contents.</p> |
|  <p>VTOMAN TOOLS & BATTERIES</p> <p>User Manual Jump Starter</p> <p>V6 Pro</p> <p>Model No. Epower-80 80</p> | <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> |