

VTOMAN X1 (JS-211)

VTOMAN X1 Jump Starter with Air Compressor User Manual

Model: X1 (JS-211)

Brand: VTOMAN

INTRODUCTION

The VTOMAN X1 is a versatile and powerful device designed to provide multiple essential functions for vehicle owners and outdoor enthusiasts. It combines a high-performance car jump starter with a digital cordless air compressor, a portable power bank, and an emergency LED light. This manual provides detailed instructions for safe and effective use of your VTOMAN X1.

Key Features:

- 2500A Peak Current Jump Starter (up to 8.5L Gas/6.0L Diesel engines)
- 150PSI Digital Cordless Air Compressor with auto shut-off
- Portable Power Bank with dual USB fast charging
- 3-Mode LED Light (Flashlight, Strobe, SOS)
- Built-in 10 Safety Protection Technologies
- Durable and heat-dissipating design

WHAT'S IN THE BOX

- 1 x VTOMAN X1 Jump Starter with Air Compressor
- 1 x Smart Jumper Cable
- 1 x USB-A to USB-C Cable
- 1 x Carrying Bag
- 1 x Pump Tube
- 5 x Air Nozzles
- 1 x User Manual

IMPORTANT SAFETY INFORMATION

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

- Do not use the air pump function continuously for extended periods. Allow the unit to cool down if it becomes seriously hot.
- The X1 jump starter is designed to instantly start 12V vehicles; it does not support charging the car battery.
- Do not disassemble, crush, heat above 140°F (60°C), or incinerate the unit.
- Do not let the unit over-discharge; recharge regularly. It is best to be recharged every 3 months.
- Do not start the vehicle when the unit battery power is less than 2 bars.
- Do not connect battery clamps to the vehicle battery reversely. The smart jumper cable provides reverse polarity protection, indicated by a red light and beeping.
- Do not store the device in a vehicle parked in hot weather for long periods of time, as internal construction may be damaged.

Built-in Safety Protections:

- Over-charge protection
- Over-current protection
- Short-circuit protection
- Reverse-polarity protection
- Low-temp protection
- High-temp protection
- Over-voltage protection
- Over-load protection
- Spark-proof protection
- Reverse-charge protection

CORDLESS TIRE INFLATOR WITH PRESET PRESSURE VALUE



BICYCLES



BALLS



INFLATABLE
BOAT



CARS &
MOTORCYCLES



Image: Internal view of the VTOMAN X1 highlighting its intelligent chip protection system, which includes 10 safety features and operates within a temperature range of -4°F to 140°F.

SETUP

Initial Charging

Before first use, fully charge your VTOMAN X1. Connect the provided USB-A to USB-C cable to the unit's USB-C input port and to a suitable USB power adapter (not included). The LCD screen will indicate charging progress. A full charge is indicated when all battery bars are solid.

Understanding the Display

The LCD digital meter displays battery level and air pressure. Battery level is indicated by bars:

- 4 bars: 100% charged
- 3 bars: 75% charged
- 2 bars: 50% charged

- 1 bar: 25% charged
- 0 bars: Dead (recharge immediately)



Image: The VTOMAN X1 unit with its digital display showing a pressure reading of 2.4 BAR and battery status indicators.

OPERATING THE JUMP STARTER

The VTOMAN X1 is designed to jump start 12V vehicles with up to 8.5L Gas or 6.0L Diesel engines.

1. **Connect the Smart Jumper Cable:** Insert the blue end of the smart jumper cable into the jump start port on the VTOMAN X1 unit.
2. **Connect to Vehicle Battery:** Attach the red clamp to the positive (+) terminal of the vehicle battery and the black clamp to the negative (-) terminal.
3. **Check LED Indicator:** The LED indicator on the smart jumper cable will show connection status:
 - *Green LED (solid):* Correct connection, ready to start.
 - *Red LED (solid) with beeping:* Reverse connection. Re-connect correctly.

- *Green LED (blinking)*: Vehicle battery voltage is too low. Press the "BOOST" button on the smart jumper cable, then start the vehicle within 30 seconds.
- *No Light, No Beeping*: Vehicle battery may be damaged or completely dead. Press the "BOOST" button, then start the vehicle within 30 seconds.

4. **Start the Vehicle:** Once the green LED is solid, start your vehicle's engine.

5. **Remove Clamps:** After the vehicle starts, immediately remove the clamps from the vehicle battery.



Image: Visual guide illustrating the four steps to jump start a vehicle using the VTOMAN X1: insert the jump cable, connect to the car battery, check the LED indicator for correct connection, and start the car engine.

Your browser does not support the video tag.

Video: A quick overview of the VTOMAN X1 Jumper Compressor and USB Charger, demonstrating its features and components.

OPERATING THE AIR COMPRESSOR

The 150PSI air compressor is suitable for inflating tires on bikes, passenger cars, balls, and other inflatables. It features a tire pressure detection function and auto shut-off.

1. **Assemble the Tube:** Connect the pump tube to the air output port on the VTOMAN X1 unit.
2. **Connect to Tire:** Securely connect the other end of the tube to the tire valve.
3. **Set Inflation Mode and Value:**
 - Short press the "M" key once to set the air inflator. The icon on the far left flashes (basketball, bicycle, car, or SUV).
 - Press the "M" key twice to switch pressure units (BAR, PSI, KPA).
 - Press the "M" key again, the current target pressure value flashes. Use the "+" or "-" keys to adjust the target pressure value.
4. **Start Inflation:** Long press the power button to start the inflation. The unit will automatically shut off when the preset pressure is reached.



Image: A step-by-step visual guide on how to inflate tires using the VTOMAN X1, including assembling the tube, connecting to the tire, setting the desired pressure, and starting the inflation process.

Your browser does not support the video tag.

Video: Demonstration of the VTOMAN X1's ability to jump start vehicles and inflate tires with ease.

PORTABLE POWER BANK & EMERGENCY LIGHT

The VTOMAN X1 can charge your USB devices and provides emergency lighting.

Power Bank Function

Connect your USB device to the USB-A output port (5V/2.4A) on the VTOMAN X1 using a compatible USB cable. The unit supports 36 hours of high-brightness lighting when used as a power bank.

POWER ALL YOUR NEEDS



Image: The VTOMAN X1 serving as a portable power bank, charging multiple electronic devices simultaneously.

Emergency LED Light

The LED lights include three modes for different emergencies:

- **Flashlight:** For general illumination.
- **Strobe Light:** For signaling or attracting attention.
- **SOS Mode:** For emergency signaling.

HOW TO INFLATE YOUR TIRES

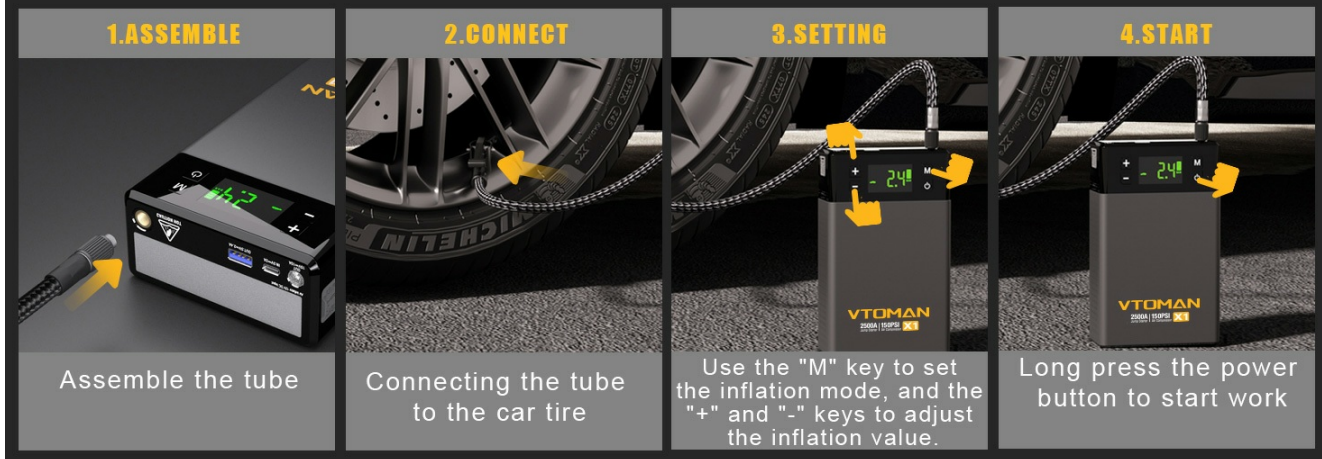


Image: The VTOMAN X1 unit positioned on the ground, demonstrating its use as an emergency warning triangle with its bright red LED lights.

MAINTENANCE

- Keep the unit clean and dry.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- Recharge the unit every 3 months to maintain battery health, even if not in use.
- Avoid dropping or subjecting the unit to strong impacts.

TROUBLESHOOTING

Unit Not Turning On

- Ensure the unit is charged. If the battery is completely depleted, it may take a few minutes of charging before the display activates.

Vehicle Not Starting

- Check the smart jumper cable LED indicator for correct connection and sufficient unit charge.
- Ensure the vehicle battery terminals are clean and free of corrosion.
- If the green LED is blinking or no light is present, press the "BOOST" button on the smart jumper cable.
- Ensure the vehicle engine size is within the specified limits (8.5L Gas / 6.0L Diesel).

Air Compressor Not Inflating

- Ensure the pump tube is securely connected to both the unit and the tire valve.
- Check the preset pressure value. Ensure it is higher than the current tire pressure.
- Allow the unit to cool down if it has been used continuously for a long period.

SPECIFICATIONS

Feature	Specification
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Brand	VTOMAN
Model	X1 (JS-211)
Peak Output Current	2500 Amps
Engine Compatibility	Up to 8.5L Gas / 6.0L Diesel
Air Compressor Pressure	150 PSI
Battery Type	Lithium Polymer
Battery Life Cycles	1500+ recharge cycles
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
USB-C Input	5V/2A
USB Output	5V/2.4A
Product Dimensions	7.48"D x 4.59"W x 2.13"H
Item Weight	3 Pounds

WARRANTY & SUPPORT

VTOMAN offers an 18-month warranty for the X1 Jump Starter. For any after-sales questions or technical support, please feel free to contact VTOMAN customer service.

Contact Information:

- Phone: 1-888-818-9811 (US Mon. - Fri. 9 a.m. - 5 p.m. PST)
- Lifetime technical support is provided.



Image: A customer service representative with a headset, symbolizing VTOMAN's commitment to support.



Image: Details on VTOMAN's customer support, including 24-hour quick replies, 30-day money-back guarantee, 18-month warranty, and lifetime tech support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

