VTOMAN X7

VTOMAN X7 Jump Starter with Air Compressor User Manual

Model: X7

Product Overview

The VTOMAN X7 is a versatile portable device designed to provide powerful jump-starting capabilities and efficient tire inflation. It combines multiple essential automotive tools into one compact unit, ensuring you are prepared for various roadside emergencies.

Figure 1: VTOMAN X7 Jump Starter and Air Compressor Unit.

What's in the Box

Your VTOMAN X7 package includes the following items:

- 1 x VTOMAN X7 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 Carrying Bag
- 1 x Pump Tube
- 5 x Air Nozzles
- 1 x User Manual

Figure 2: All components included in the VTOMAN X7 package.

Setup and Charging

Before initial use, ensure your VTOMAN X7 is fully charged. The device features a 5.1-inch intelligent display to monitor battery level.

- **Charging:** Use the provided USB-C to USB-C cable or USB-A to USB-C cable. The Type-C port is the only input charging port.
- **Important Note:** The DC output port is used to power car products (e.g., car vacuum cleaners) and is NOT an input port for charging the device. Always use a certified standard charger for charging to prevent safety issues.

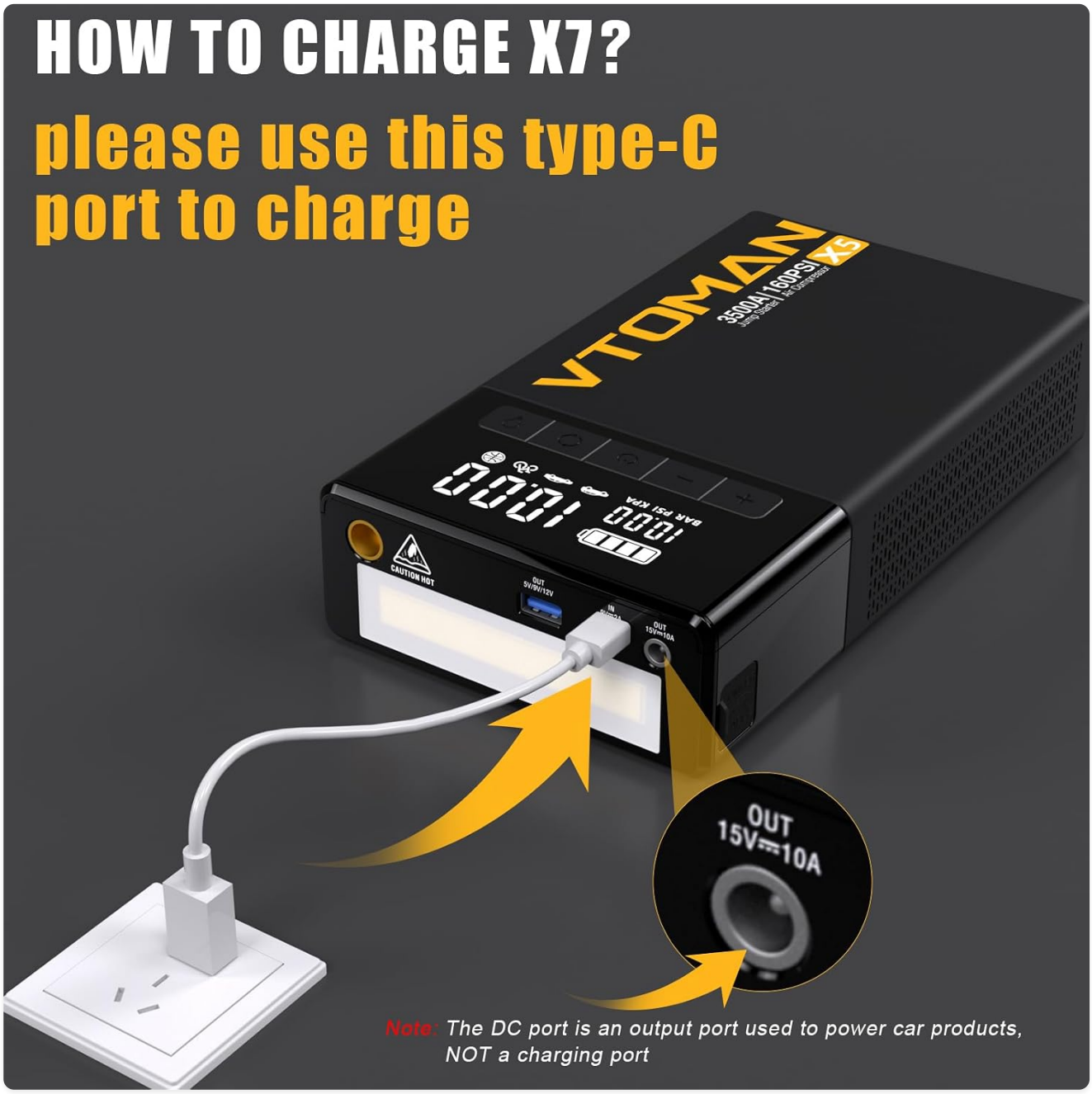

Figure 3: Charging the VTOMAN X7 via the Type-C port.

Operating Instructions

Jump Starting a Vehicle

The VTOMAN X7 provides unmatched startup performance with a 4250A peak current, capable of starting all 12V vehicles (up to 10L Gas/10L Diesel engines) up to 70 times on a single charge. It also features a BOOST FUNCTION for totally dead batteries.

1. Connect the smart jumper cable to the VTOMAN X7.
2. Attach the red clamp to the positive (+) terminal of your vehicle's battery and the black clamp to the negative (-) terminal.
3. Ensure the LED indicator on the smart jumper cable shows a correct connection (usually solid green).
4. If the battery is completely dead, press the BOOST FUNCTION button on the smart jumper cable.

5. Start your car engine.
6. Once the engine starts, disconnect the jumper cables from the vehicle battery, then from the VTOMAN X7.

Figure 4: VTOMAN X7 connected to a car battery for jump starting.

Inflating Tires

The X7 features a 5.1-inch smart screen for tire pressure detection and allows adjustment of inflation mode. It supports 3 optional units (PSI, BAR, KPA). A 160PSI air compressor can inflate a typical car tire to 20 PSI in about 2 minutes.

1. Connect the pump tube to the air hose port on the VTOMAN X7.
2. Attach the air hose to the tire valve. The intelligent display will show the current tire pressure.
3. Use the mode button to select the desired inflation mode (car, SUV, bicycle, basketball).
4. Adjust the target PSI using the '+' and '-' buttons.
5. Short press the power button to start inflation. The device will automatically stop once the target pressure is reached.
6. Disconnect the air hose from the tire valve and the VTOMAN X7.

Figure 5: Using the digital tire inflator feature of the VTOMAN X7.

Using as a Power Bank

The VTOMAN X7 can also function as a portable power bank, supporting 18W Type-C fast charging for your electronic devices.

- Connect your device to the USB-A or USB-C output ports on the VTOMAN X7 using an appropriate charging cable.
- The device will begin charging your electronic device.

Figure 6: The VTOMAN X7 can charge various electronic devices.

Using the LED Flashlight

The X7 is equipped with a 400-lumen LED light that supports 3 lighting modes: constant lighting (white), flash (red), and SOS (red).

- Press the light bulb button to cycle through the different lighting modes.
- The red flash and SOS modes can serve as a warning triangle in emergency situations.

Maintenance and Safety

The VTOMAN X7 is built with multiple advanced protection technologies and a unique honeycomb heat dissipation design for enhanced safety and prolonged service life.

- **Protection Features:** Includes over-charge, over-current, short-circuit, reverse-polarity, low-temp, high-temp, over-

voltage, over-load, spark-proof, and reverse-charge protection.

- **Operating Temperature:** Designed to operate in extreme environments from -4°F to 140°F.
- **Air Pump Usage:** Do not use the air pump function continuously. If the tire battery compressor becomes seriously hot, allow it to cool down for a few minutes before resuming inflation.
- **Storage:** Store the device in its carrying bag in a cool, dry place when not in use.

Figure 7: Overview of the 10 built-in safety protection technologies.

Troubleshooting

If you encounter issues with your VTOMAN X7, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device not turning on/charging	Low battery; Incorrect charging port used.	Ensure device is charged via the Type-C input port. Use a certified standard charger.
Vehicle not jump starting	Incorrect cable connection; Battery too low (needs boost).	Verify correct positive/negative connections. Use BOOST FUNCTION for completely dead batteries.
Air compressor stops during use	Overheating due to continuous use.	Allow the device to cool down for a few minutes before resuming operation.
Incorrect tire pressure reading	Loose connection of pump tube to tire valve.	Ensure the pump tube is securely locked onto the tire valve.

Specifications

Feature	Detail
Brand	VTOMAN
Model	X7
Peak Starting Current	4250 Amps
Air Compressor Pressure	160 PSI
Engine Compatibility	Up to 10L Gas / 10L Diesel engines (12V vehicles)
Display Screen	5.1-inch Intelligent Display
Battery Type	Lithium Polymer
Charging Port	Type-C (Input only)
Output Ports	USB-A, USB-C, DC 15V/10A
Flashlight Lumens	400 Lumens (White, Red Flash, SOS Red)
Operating Temperature	-4°F to 140°F
Product Dimensions	5.12"D x 1.97"W x 9.06"H
Item Weight	3.3 Pounds
Certifications	UL, FCC

Warranty and Support

The VTOMAN X7 comes with an 18-month warranty and lifetime technical support.

- **Warranty Period:** 18 months from the date of purchase.
- **Technical Support:** Lifetime technical support is available.
- For any after-sales questions or technical assistance, please refer to the contact information provided in your user manual or visit the official VTOMAN website.

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