

VoltSurge D01

VoltSurge D01 3000A Car Battery Jump Starter User Manual

MODEL: D01

1. Introduction

Thank you for choosing the VoltSurge D01 Car Battery Jump Starter. This device is designed to provide a reliable and convenient solution for starting vehicles with a dead battery, as well as offering portable power and illumination. Please read this manual thoroughly before use to ensure safe and optimal operation.

Safety Warning: Always follow the instructions carefully. Improper use can result in electric shock, fire, or damage to the device or vehicle. Keep out of reach of children.

2. What's in the Box

Upon unpacking your VoltSurge D01 Jump Starter, please ensure all the following items are present:

- 1 x VoltSurge Jump Starter Unit
- 1 x Smart Jumper Clamps
- 1 x USB to Type-C Cable
- 1 x User Manual



Image: Contents of the VoltSurge D01 Jump Starter package.

3. Setup

3.1 Initial Charging

Before first use, fully charge the jump starter unit to 100%. Use the provided USB to Type-C cable and a compatible USB power adapter (not included). The digital display will show the charging progress.

3.2 Connecting Smart Jumper Clamps

Ensure the jump starter is turned off before connecting the smart jumper clamps. Insert the blue plug of the smart jumper clamps firmly into the jump starter's port. The display on the smart clamps will activate.

START YOUR DEAD VEHICLES IN SECONDS



5.5L
Diesel Engine

7L
Gasoline Engine

3000A
Peak Current

40
Number of Uses

Image: VoltSurge D01 Jump Starter with smart jumper clamps connected.

4. Operating Instructions

4.1 Jump Starting a Vehicle

Follow these steps to safely jump start your vehicle:

1. **Step 1:** Insert the jumper cable into the starter.
2. **Step 2:** Connect the red clamp to the positive (+) terminal of the vehicle's battery and the black clamp to the negative (-) terminal. The smart clamps will display the battery voltage.
3. **Step 3:** Start the car engine. If the vehicle does not start immediately, wait 30 seconds and try again. Do not attempt more than 3 consecutive jump starts.
4. **Step 4:** Once the engine starts, remove the smart clamps from the car battery within 30 seconds, then disconnect the jumper cable from the jump starter unit.



Image: Step-by-step guide for jump starting a vehicle.

4.2 Using the LED Flashlight

The VoltSurge D01 features an integrated LED flashlight with multiple modes:

- **Steady Light:** Long press the power button to turn on the steady flashlight.
- **Flashing Light (Strobe):** Short press the power button again to switch to flashing mode.
- **SOS Mode:** Short press the power button a third time to activate SOS signaling mode.
- Long press the power button to turn off the flashlight.



Image: VoltSurge D01 Jump Starter demonstrating its emergency LED flashlight modes.

4.3 Using as a Power Bank

The jump starter is equipped with two USB ports (5V/2.4A) that can be used to charge electronic devices such as smartphones, tablets, and laptops. Simply connect your device's charging cable to the USB output ports on the jump starter.

POWERFUL POWER BANK



TYPE-C



USB3.0



USB2.0

Image: VoltSurge D01 Jump Starter functioning as a power bank for various devices.

5. Maintenance

To ensure the longevity and readiness of your VoltSurge D01 Jump Starter:

- **Regular Recharging:** It is recommended to recharge the unit every 3 to 4 months, even if not used, to maintain optimal battery health.
- **Storage:** Store the jump starter in a cool, dry place away from direct sunlight and extreme temperatures. The device is designed to operate in temperatures from -20°C (-4°F) to 60°C (140°F), but prolonged exposure to extreme conditions can affect battery life.
- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.



Image: VoltSurge D01 Jump Starter's operational temperature range.

6. Troubleshooting

The VoltSurge D01 Smart Jumper Clamps include 8 built-in protections and alarms to help prevent common issues. If you encounter problems, refer to the display on the smart clamps for error codes or indicators.

- **No Power/Low Battery:** Ensure the jump starter is fully charged.
- **Incorrect Connection:** The smart clamps will alert you if the positive and negative terminals are connected incorrectly (reverse polarity protection). Reconnect correctly.
- **Overcharge/Over-discharge:** The device has internal protection against these conditions.
- **Short Circuit/Overload:** The smart clamps will detect and protect against short circuits and overloads. Disconnect and re-evaluate the connection.
- **Extreme Temperature:** The unit has high and low-temperature protection. Allow the unit to return to a safe operating temperature if an alarm sounds.

For persistent issues, consult the detailed troubleshooting section in the included user manual.



Image: Smart clamps and 8 protection features of the VoltSurge D01 Jump Starter.

7. Specifications

Feature	Specification
Brand	VoltSurge
Model Number	D01
Peak Current	3000A
Engine Compatibility	Up to 7.0L Gas / 5.5L Diesel
Battery Type	Lithium Ion
USB Output	2 ports (5V/2.4A)
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Item Weight	1060 Grams (2.34 pounds)
Product Dimensions	9.96 x 5.59 x 3.94 inches

8. Warranty and Support

The VoltSurge D01 Jump Starter is designed with durability and safety in mind, featuring 8 smart protections to ensure reliable operation. For any product-related inquiries or support, please refer to the contact information provided in your product packaging or visit the official VoltSurge website. Additionally, extended protection plans may be available for purchase to cover your device beyond the standard warranty period. Please check with your retailer for details on available protection plans.



Image: VoltSurge customer support team.