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› TOPDON JS3000 Battery Booster Jump Starter User Manual

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Model: JS3000

PRODUCT OVERVIEW

The TOPDON JS3000 is a powerful and versatile 12V 3000A peak battery booster and portable power bank. Designed for a wide range of vehicles, it can jump-start engines up to 9.0L Gas and 7.0L Diesel. Beyond jump-starting, it features multiple charging ports for electronic devices and a bright LED flashlight for emergencies.



Figure 1: TOPDON JS3000 Jump Starter with its included accessories, including the carrying case and jumper cables.

WHAT'S IN THE BOX

INCREDIBLE POWER BANK

24000mAh



Figure 2: All items included in the TOPDON JS3000 package.

- 1x JS3000 Jump Starter
- 1x Heavy-Duty Battery Clamps
- 1x QC18W Adapter
- 1x USB-C Cable
- 1x User Manual
- 1x EVA Carrying Case

SETUP AND CHARGING

Before first use, fully charge your JS3000 unit. The device features a Type-C PD45W bi-directional charging port for rapid charging.



Figure 3: The JS3000 connected to a wall adapter for charging via its USB-C port.

Charging the JS3000:

1. Connect the provided USB-C cable to the Type-C PD45W port on the JS3000.
2. Connect the other end of the USB-C cable to the QC18W Adapter.
3. Plug the adapter into a wall outlet.
4. The power indicator lights on the JS3000 will illuminate to show charging progress. A full charge can be achieved in approximately 2 hours.

OPERATING INSTRUCTIONS: JUMP STARTING YOUR VEHICLE

The JS3000 is designed for safe and efficient jump-starting of 12V lead-acid batteries.



Figure 4: Visual guide for jump-starting a vehicle using the JS3000.

1. **Connect Clamps:** Connect the red (+) clamp to the positive terminal of your vehicle's battery and the black (-) clamp to the negative terminal.
2. **Check Indicator Light:**
 - If the indicator light is solid green, the battery voltage is normal. You can proceed to start the

vehicle.

- If the light doesn't turn on (battery voltage is too low to be detected), press and hold the BOOST button for approximately 3 seconds until it lights up. This activates forced output mode.
3. **Start Vehicle:** Start your car engine within 30 seconds. If using forced output mode, this disables all safety protections temporarily, so only use this mode when the vehicle battery is extremely low.
 4. **Disconnect Clamps:** Once the vehicle starts, disconnect the clamps from the battery terminals.

Demonstration Video:

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Video 1: TOPDON JS3000 - How to Jumpstart a Dodge Challenger. This video demonstrates the step-by-step process of using the jump starter on a vehicle.

ADDITIONAL FEATURES

Portable Power Bank:

The JS3000 doubles as a 24000mAh power bank with multiple output ports to charge your electronic devices.

- 2x USB QC 3.0 ports (5V/2A, 5V/3A)
- 1x 16.8V DC port (max 10A)
- 1x Type-C PD45W bi-directional charging port (input/output)



Figure 5: The JS3000 unit showcasing its various output ports for charging different electronic devices.

400 Lumen LED Flashlight:

The built-in super bright LED flashlight provides 400 lumens of light with multiple modes for various situations.

- Stable Light: For general illumination.

- Strobe Light: For signaling or attracting attention.
- SOS Light: For emergency signaling.



Figure 6: The JS3000's LED flashlight illuminating an engine bay, demonstrating its utility in low-light conditions.

SAFETY FEATURES AND PROTECTION

The JS3000 is equipped with 10 intelligent protection technologies to ensure safe operation for all users.

WHAT'S IN THE BOX ?



Figure 7: Overview of the safety features and robust design of the JS3000.

- Overload Protection
- Spark Proof Protection
- Over Current Protection
- Low Temperature Protection
- High Temperature Protection
- Reverse Charge Protection
- Reverse Polarity Protection
- Over Discharge Protection
- Short Circuit Protection
- Over Voltage Protection

The device also features an IP54 fireproof enclosure and heavy-duty 100% copper clamps for enhanced durability and safety.

SPECIFICATIONS

Feature	Detail
Brand	TOPDON
Model	JS3000
Peak Output Current	3000 Amps
Engine Compatibility (Gas)	Up to 9.0L
Engine Compatibility (Diesel)	Up to 7.0L
Battery Capacity	24000mAh
USB Output (QC 3.0)	5V/2A, 5V/3A
DC Output	16.8V/10A max
Type-C Input/Output	PD45W Bi-directional
LED Flashlight Lumens	400 Lumens
Item Weight	3.3 pounds (1.5 Kilograms)
Product Dimensions	5"D x 10"W x 3"H

MAINTENANCE AND STORAGE

- Keep the JS3000 charged, ideally above 50%, to prolong battery life.
- Store the unit in its EVA carrying case in a cool, dry place away from direct sunlight and extreme temperatures.
- Clean the clamps and unit with a dry cloth after each use.



Figure 8: The durable EVA carrying case for safe storage and transport of the JS3000.

TROUBLESHOOTING

Unit Not Turning On / Not Detecting Battery:

- Ensure the unit is sufficiently charged. Check the power indicator lights.
- If the vehicle battery is extremely low (below 2V), the JS3000 may not automatically detect it. Use the BOOST function by pressing and holding the BOOST button for 3 seconds until the indicator light turns green. This activates forced output mode.
- Verify that the clamps are securely connected to the correct battery terminals (red to positive, black to negative).

Vehicle Not Starting After Boost:

- Ensure you attempt to start the vehicle within 30 seconds of activating the BOOST function.
- Check for any other underlying issues with the vehicle's battery or starting system. The jump starter provides power, but cannot fix mechanical problems.
- Allow the JS3000 to cool down if it has been used multiple times in quick succession, as overheating can trigger safety protections.

Troubleshooting Video:

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Video 2: Pros & Cons: JS3000 12V 3000A Battery Booster Jump Starter. This video provides insights into common issues and features of the JS3000.

WARRANTY AND SUPPORT

The TOPDON JS3000 comes with a comprehensive warranty and support package:

- 1 year of quality assurance.
- 30-day free refund period.
- Lifetime of free technical support.
- TOPDON Care+: An extended warranty plan that includes 12 months of free replacement, lifetime hotline technical support, and more.

For additional support, you can refer to the official User Manual (PDF) available online or contact TOPDON customer service.

Official User Manual: [Download PDF](#)