

YESPER Armor

YESPER Armor 3000A Jump Starter User Manual

Model: Armor

1. PRODUCT OVERVIEW

The YESPER Armor 3000A Jump Starter is a portable device designed to jump-start 12V vehicles with up to 10L gas or 8L diesel engines. It features a 20000mAh battery capacity, 100W two-way fast charging, an LED display for real-time monitoring, and multiple safety protections. Beyond jump-starting, it functions as a power bank for various electronic devices and includes a 400-lumen LED light.



Image 1.1: The YESPER Armor 3000A Jump Starter, showing the main unit, jumper cables, and charging cables.

2. What's in the Box

Verify that all components are present upon unboxing:

- 1 x YESPER Armor 3000A Jump Starter (20000mAh)
- 1 x Jumper Cable with Smart Clamps
- 1 x 100W Car Charger
- 1 x 60W USB-C to C Cable
- 1 x Cigarette Lighter Socket Adapter
- 1 x User Manual

WHAT'S IN THE BOX

- 1 Jump Starter Host
- 2 100W Car Charger
- 3 Battery Clamp & Jumper Cable
- 4 User Manual
- 5 C to C Fast Charge Cable
- 6 Cigarette Lighter Socket Adapter



Image 2.1: All items included in the YESPER Armor 3000A Jump Starter package.

3. SETUP AND CHARGING

3.1 Initial Charge

Before first use, fully charge the YESPER Armor Jump Starter. The device supports 100W two-way fast charging via its Type-C port. A full charge from 0% to 100% can be achieved in approximately 45 minutes using the included 100W car charger and USB-C to C cable.



Image 3.1: The jump starter being charged via its Type-C port, illustrating the 100W fast charging capability.

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Video 3.1: Demonstration of the 100W fast charging feature of the YESPER Armor Jump Starter.

3.2 Device Components

Familiarize yourself with the device's buttons, ports, and display:

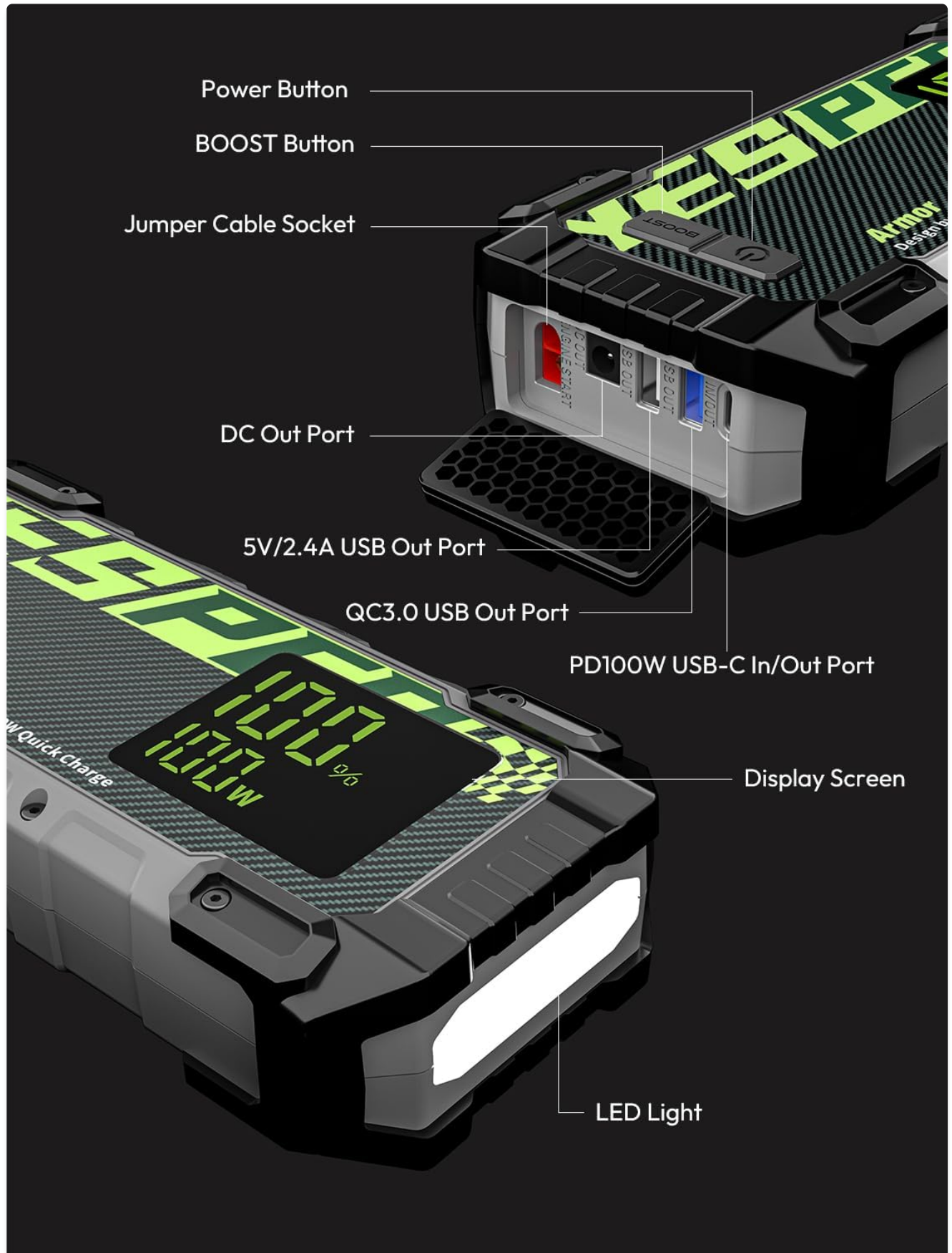


Image 3.2: Labeled diagram showing the Power Button, BOOST Button, Jumper Cable Socket, DC Out Port, USB Out Ports, Display

- **Power Button:** Turns the device on/off and cycles through LED light modes.
- **BOOST Button:** Used for jump-starting completely dead batteries.
- **Jumper Cable Socket:** Connects the smart jumper cables.
- **DC Out Port:** Provides 15V output for compatible devices like tire inflators.
- **5V/2.4A USB Out Port:** Standard USB output for charging devices.
- **QC3.0 USB Out Port:** Quick Charge 3.0 compatible USB output.
- **PD100W USB-C In/Out Port:** For 100W fast charging input and output.
- **Display Screen:** Shows battery percentage, charge/discharge power, and status indicators.
- **LED Light:** Provides illumination with steady, strobe, and SOS modes.

4. OPERATING INSTRUCTIONS

4.1 Jump Starting a Vehicle

Follow these steps to safely jump-start your vehicle:

1. **Connect Jumper Cables:** Insert the smart jumper cable plug into the jump starter's socket.
2. **Attach Clamps:** Connect the **RED (+)** clamp to the vehicle's positive battery terminal and the **BLACK (-)** clamp to the vehicle's negative battery terminal. Ensure a secure connection.
3. **Check Display:** Turn on the jump starter. The display should show "READY" if the connections are correct and the battery has sufficient charge.
4. **Start Vehicle:** Attempt to start your vehicle. If it doesn't start immediately, wait 30 seconds before trying again.
5. **Remove Clamps:** Once the vehicle starts, immediately remove the black clamp first, then the red clamp, and finally disconnect the jumper cable from the jump starter.

REAL 3000A 20000mAh

BOOST your completely dead car to
life—with near-0 mistakes

BOOST

One-touch **BOOST**

12
Volts

74
Wh

50
Start times

Up to
10L
Gas

Up to
8L
Diesel

Image 4.1: The YESPER Armor Jump Starter connected to a car battery, ready for jump-starting.

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Video 4.1: Step-by-step guide on how to jump start a car using the YESPER Armor Jump Starter.

4.2 Boost Start Mode (for completely dead batteries)

If your vehicle's battery is completely dead and the jump starter does not show "READY", use the Boost Start Mode:

1. Follow steps 1 and 2 from "Jump Starting a Vehicle" above.
2. Press and hold the **BOOST** button on the jump starter until the display shows "READY".
3. Attempt to start your vehicle within 30 seconds.
4. Once the vehicle starts, immediately remove the black clamp first, then the red clamp, and finally disconnect the jumper cable from the jump starter.

4.3 Using as a Power Bank

The YESPER Armor can charge various electronic devices:

- **USB-C Port:** Use the PD100W USB-C port for fast charging compatible smartphones, tablets, and laptops.
- **QC3.0 USB Port:** For quick charging devices that support QC3.0.
- **5V/2.4A USB Port:** For standard charging of USB-powered devices.
- **15V DC Output:** Connect the cigarette lighter socket adapter to the DC Out Port to power 15V/12V DC devices such as tire inflators or car vacuums.

4.4 LED Light Functions

Press the Power Button to cycle through the LED light modes:

- **Steady Lighting:** For general illumination.
- **Strobe:** For signaling or attracting attention.
- **SOS:** For emergency signaling.

400 LUMENS LED LIGHT



Lighting



SOS



Strobe



Image 4.2: The jump starter's 400-lumen LED light being used to illuminate an engine bay.

5. MAINTENANCE

To ensure the longevity and optimal performance of your YESPER Armor Jump Starter:

- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Recharging:** For optimal performance, recharge the jump starter every 6 months, even if not in use. The device can hold a full charge for up to 24 months under moderate storage conditions.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Safety:** The device is housed in an IP65-rated rugged case, making it waterproof, dustproof, and drop-proof. However, avoid intentional submersion or severe impacts.

24-MONTH STANDBY

The Armor jump starter maintains a full charge for up to 2 years under normal storage conditions.

24 MONTH



20000mAh
High-Capacity

LOW-POWER
Technology

Tip: For optimal performance, recharge every 6 months.

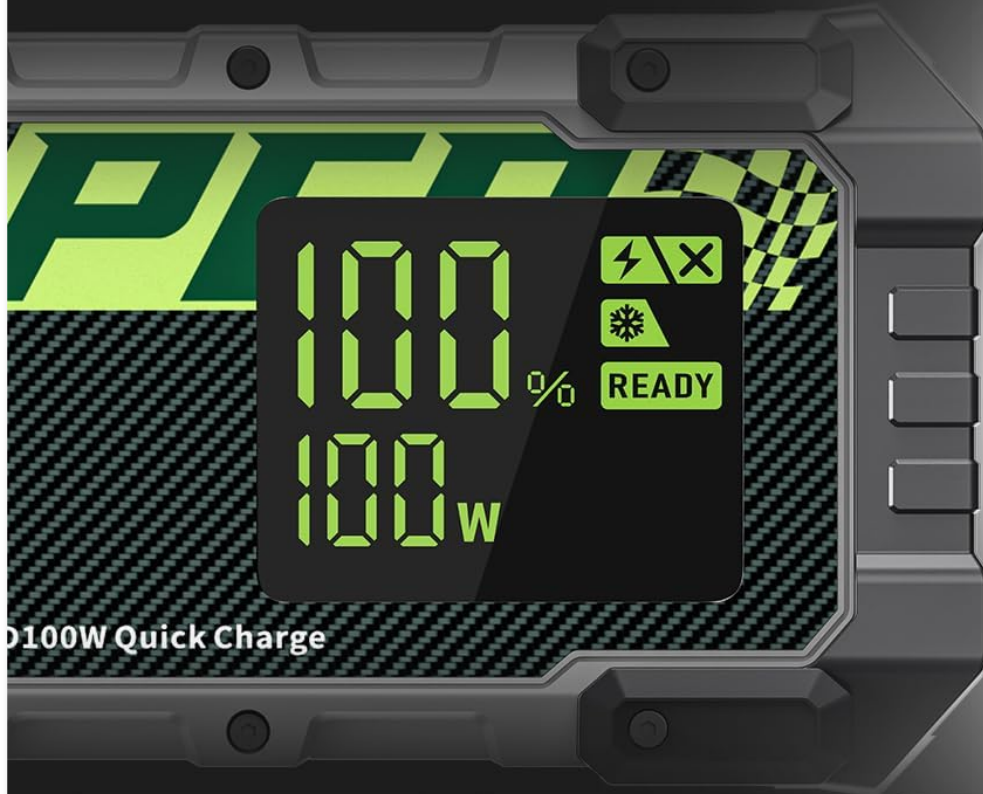
Image 5.1: The jump starter highlighting its 24-month standby capability and low-power technology.

6. TROUBLESHOOTING

The 3.2-inch LED display provides important status indicators to assist with troubleshooting:

3.2" LARGE DISPLAY

Crystal-Clear Operation at a Glance



100%

Battery Power
Percentage

100W

Charge Power/
Discharge Power

READY

Ready to start
the Vehicle



Low Voltage
Use Boost



Misconnection
Prevention



Battery Low
Temperature Reminder

Image 6.1: The jump starter's display showing battery percentage, wattage, and status icons like 'READY', 'Low Voltage', 'Misconnection Prevention', and 'Battery Low Temperature Reminder'.

- **"READY" not displayed:** Ensure clamps are correctly attached to the battery terminals. If the vehicle battery is completely dead, use the Boost Start Mode.
- **Low Voltage Indicator:** If the jump starter's battery is low, recharge it. For immediate jump-starting with low

voltage, the Boost function may be necessary.

- **Misconnection Prevention Indicator:** This indicates incorrect clamp connection (e.g., reverse polarity). Disconnect and re-attach clamps correctly. The smart clamps have 10 built-in protections to prevent sparks and misoperation.
- **Battery Low Temperature Reminder:** In extremely cold conditions, the jump starter may indicate low temperature. Allow the device to warm up slightly before use for optimal performance.
- **Device not turning on:** Ensure the power button is pressed firmly. If the battery is completely drained, charge the device.

If you encounter issues not covered here, please refer to the Warranty & Support section for assistance.

7. SPECIFICATIONS

Feature	Specification
Brand	YESPER
Model	Armor
Peak Output Current	3000 Amps
Battery Capacity	20000mAh
Engine Compatibility	Up to 10L Gas / 8L Diesel
Charging Input/Output	100W Two-Way Type-C
USB Output Ports	QC3.0, 5V/2.4A
DC Output Port	15V (compatible with 15V/12V devices)
LED Light Brightness	400 Lumens
Safety Protections	10 built-in protections (short circuit, over current, over charge, over discharge, over voltage, over temperature, reverse charge, reverse connection, AI software, low power consumption)
Waterproof Rating	IP65
Product Dimensions	2.08"D x 4.13"W x 9.37"H
Item Weight	1.98 Pounds
Battery Type	Lithium Polymer

8. WARRANTY AND SUPPORT

8.1 Product Reliability

The YESPER Armor Jump Starter is designed for reliability, maintaining a full charge for up to 24 months under normal storage conditions. Its smart auto-shutoff feature helps preserve power.

10 SAFETY PROTECTION



Image 8.1: The jump starter emphasizing its 10 built-in safety protections for user and device safety.

8.2 Customer Support

For any questions, concerns, or technical assistance regarding your YESPER Armor Jump Starter, please contact our customer support team. Refer to the contact information provided in your product packaging or visit the official YESPER website for support details.

You can also visit the [YESPER Store on Amazon](#) for more information and product updates.

Related Documents - Armor

	<p>Yesper Armor Jump Starter User Manual - Model Armor/Armor(Heating)</p> <p>Comprehensive user manual for the Yesper Armor and Armor(Heating) jump starter models. Includes product features, operating instructions, safety warnings, technical specifications, error messages, and warranty information.</p>
	<p>Yesper X1 Portable Jump Starter and Power Bank User Manual</p> <p>Comprehensive user manual for the Yesper X1, detailing its features as a portable jump starter, power bank, and air compressor. Includes instructions, technical specifications, troubleshooting, and warranty information.</p>
	<p>Armor Condensing Water Heater Models 1250-4000 Installation & Operation Manual by Lochinvar</p> <p>Comprehensive installation and operation manual for the Armor Condensing Water Heater series (Models 1250-4000). Covers installation, venting, piping, gas connections, startup, operation, maintenance, and troubleshooting.</p>
	<p>ARMOR Condensing Water Heater User's Information Manual</p> <p>User's Information Manual for ARMOR Condensing Water Heater, Models 1250-4000, Series 100 & 101. Provides essential safety, maintenance, and operating instructions for the appliance and its Smart Touch CON•X•US interface.</p>
	<p>ARMOR Condensing Water Heater Installation and Operation Manual</p> <p>This manual provides detailed instructions for the installation, operation, and maintenance of the ARMOR Condensing Water Heater. It covers safety precautions, system requirements, venting, gas connections, wiring, start-up procedures, and troubleshooting for models 400-500 and 650-1000 series.</p>



[Manuel d'installation et d'utilisation des chauffe-eau à condensation Armor](#)

Guide complet pour l'installation et l'opération des chauffe-eau à condensation Armor, modèles 400-1000 (Séries 100, 101, 110, 111), destiné aux professionnels qualifiés.