

AsperX AX2500

ASPERX AX2500 Car Jump Starter User Manual

Model: AX2500 | Brand: AsperX

INTRODUCTION

The ASPERX AX2500 Car Jump Starter is a portable, multi-functional device designed to provide emergency jump-starting for vehicles, act as a portable power bank, and offer various lighting modes. This manual provides essential information for safe and effective operation, maintenance, and troubleshooting.



Image: The ASPERX AX2500 Car Jump Starter unit, smart jump cables, wall charger, USB Type-C cable, storage case, and cigarette lighter adapter.

WHAT'S IN THE BOX

- ASPERX 2500A Portable Car Jump Starter x1
- Smart Jump Cable x1
- 5V/3.0A Wall Charger x1
- USB Type-C Charging Cable x1
- Storage Case x1
- Cigarette Lighter Adapter x1
- User Manual x1

PRODUCT OVERVIEW

Key Features

- **Powerful Car Jump Starter:** 2500A peak current, capable of starting 12V vehicles with up to 10.0L Gas or 7.3L Diesel engines. Operates in extreme climates (-4°F to 140°F).
- **10 Upgrade Protections:** Features zero voltage start function and automatically detects reverse polarity for safe connections. Notifies incorrect use with flashing lights.
- **Portable Power Supply:** Equipped with 2 USB outputs (5V/3A and 5V/2.1A), including a Quick Charge 3.0 USB port for fast charging of mobile devices.
- **LED Flashlight:** Includes four modes: Flash Light, Strobe Light, SOS Light, and Red Warning Light. Supports up to 60 hours of high-brightness lighting.



Image: Detailed view of the ASPERX AX2500 showing its various ports including USB-C, USB-A, and the 12V Jumper Cable port.

SETUP

Charging the Jump Starter

1. Connect the USB Type-C Charging Cable to the jump starter's USB-C input port.
2. Plug the other end of the USB Type-C cable into the provided 5V/3.0A wall charger.
3. Plug the wall charger into a power outlet.
4. The battery indicator lights on the jump starter will illuminate to show charging progress. Ensure the unit is fully charged before first use.

It is recommended to fully charge the jump starter every 3-6 months to maintain optimal battery health, even when not in use.

OPERATING INSTRUCTIONS

Jump Starting Your Vehicle

Before attempting to jump-start, ensure the jump starter has at least 50% charge. For optimal performance, a full charge is recommended.



Image: Visual guide illustrating the four steps to jump-start a vehicle: Insert, Connect, Ready, Start.

1. Step 1: Insert Smart Jump Cable

Insert the blue end of the smart jump cable into the 12V Jumper Cable port on the jump starter. Ensure a secure connection.

2. Step 2: Connect to Car Battery

Attach the red clamp to the positive (+) terminal of your vehicle's battery and the black clamp to the negative (-) terminal.

3. Step 3: Check LED Indicator

The smart jump cable has an LED indicator. A solid green light indicates a correct connection and that the jump starter is ready. If the light is red or flashing, check connections and battery status.

4. Step 4: Start Vehicle

Once the LED indicator is solid green, start your vehicle's engine. If the vehicle does not start immediately, wait 30 seconds before trying again.

5. Step 5: Disconnect

After the vehicle starts, immediately remove the smart jump cable clamps from the car battery terminals, then disconnect the cable from the jump starter.

Using as a Portable Power Bank

The AX2500 can charge various electronic devices:

- Connect your device's USB charging cable to one of the two USB output ports (5V/3A or 5V/2.1A) on the jump starter.
- The Quick Charge 3.0 port provides faster charging for compatible devices.

LED Flashlight Operation

The built-in LED light offers multiple modes for different situations:

1. Press and hold the power button for 3 seconds to turn on the flashlight (Flash Light mode).
2. Tap the power button again to cycle through Strobe Light, SOS Light, and Red Warning Light modes.
3. Press and hold the power button for 3 seconds to turn off the flashlight.

INTELLIGENT TEN PROTECTION SYSTEM



Image: The ASPERX AX2500 displaying its Normal, Strobe, SOS, and Red Warning light modes, highlighting its use as an emergency rescuer.

Video: Demonstration of how to jump-start a 12V lawnmower or car using the ASPERX AX2500.

MAINTENANCE

- Store the jump starter in a cool, dry place away from direct sunlight and moisture.
- Recharge the unit fully every 3-6 months to prolong battery life, even if not used.
- Keep the device clean and free from dust and debris.

TROUBLESHOOTING

- **Jump Starter Not Activating:** Ensure the unit is charged above 50%. Check all cable connections for proper seating.
- **Smart Jump Cable Indicator Light Issues:** If the indicator is red or flashing, recheck the connections to the battery terminals. Ensure terminals are clean and free of corrosion.
- **Vehicle Not Starting After Connection:** Ensure the jump starter has sufficient charge. If the battery is completely dead, you may need to use the boost function (refer to the smart cable instructions for specific boost activation).
- **Device Not Charging:** Verify that the charging cable and wall adapter are correctly connected and functioning. Try a different USB-C cable or adapter if available.

SPECIFICATIONS

Feature	Specification
Model Number	AX2500




Peak Amperage	2500 Amps
Engine Compatibility	Up to 10.0L Gas / 7.3L Diesel (12V vehicles)
Operating Temperature	-4°F to 140°F
USB Output 1	5V/3A (Quick Charge 3.0)
USB Output 2	5V/2.1A
USB-C Input	5V/3.0A
LED Light Modes	Flash Light, Strobe Light, SOS Light, Red Warning Light
Item Weight	3.01 pounds
Product Dimensions	8.98 x 3.35 x 1.17 inches




WARRANTY AND SUPPORT

The ASPERX AX2500 Car Jump Starter comes with 2-Years Technical Support. For any after-sales questions or assistance, please contact AsperX customer service.

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Related Documents - AX2500

	Asperx AX1013 User Manual: Operation and Specifications Official user manual for the Asperx AX1013 device, covering setup, features, operation, troubleshooting, and technical specifications. Includes safety guidelines.
	AsperX 10000mAh Portable Charger User Manual User manual for the AsperX 10000mAh Portable Charger, covering specifications, charging instructions, cautions, warranty, and FAQs in multiple languages.
	ASPERX AX1013 Wireless Portable Charger User Manual Comprehensive user manual for the ASPERX AX1013 Wireless Portable Charger, detailing features, safety precautions, and operating instructions.

	<p>ASPERX AXP200 Power Bank User Manual</p> <p>Comprehensive user manual for the ASPERX AXP200 Power Bank, detailing specifications, charging methods, safety guidelines, and operational features.</p>
	<p>Asperx AX6000 Dual Mode User Manual</p> <p>Comprehensive user manual for the Asperx AX6000 dual-mode power management unit, detailing specifications, operation, troubleshooting, and safety guidelines.</p>
	<p>Asperx AX2410 Portable Device User Manual</p> <p>Comprehensive guide to operating and maintaining your Asperx AX2410 portable electronic device. Learn about its features, usage, safety precautions, and troubleshooting steps for optimal performance.</p>