



Manuals.plus /

› AsperX /

› AsperX AX4500 Jump Starter User Manual

AsperX AX4500

AsperX AX4500 Jump Starter User Manual

Model: AX4500

1. PRODUCT OVERVIEW

The AsperX AX4500 is a versatile and powerful jump starter designed for emergency vehicle starting and portable power needs. It features a smart chip for improved efficiency and integrates multiple functions including car emergency start, flashlight, mobile device charger, and DC output power supply.

With a 4500A peak current, the AX4500 can start 12V vehicles with up to all gas engines and 10.0L diesel engines. It is capable of providing up to 70 jump starts on a single charge. The device is equipped with a 4-inch LCD display to show operational status and battery level, and offers over 10 types of safety protections for secure use in various temperatures (-4°F to 140°F).

Beyond jump starting, the AX4500 includes a PD30W Type-C input/output and a Quick Charge 3.0 USB port, allowing for rapid charging of mobile phones, tablets, and other electronic devices.

REBOOT NO POWER BATTERY



Image: AsperX AX4500 Jump Starter connected to a car battery.

Video: An overview of the AsperX AX4500 Jump Starter's features and capabilities.

2. SETUP AND INITIAL CHARGING

Initial Charging

Before first use, fully charge your AsperX AX4500 Jump Starter. It is recommended to keep the battery level above 30% for optimal performance. If the device is not used for an extended period, charge it every three months to prolong its lifespan.

What's in the Box

- AX4500 Car Jump Starter (x1)
- Jumper Cable (x1)
- USB Type-C Charging Cable (x1)
- USB Type-A Charging Cable (x1)
- Storage Case (x1)
- Cigarette Lighter Adapter (x1)
- User Manual (x1)

WHAT YOU GET



Image: All items included with the AsperX AX4500 Jump Starter.

3. OPERATING INSTRUCTIONS

Jump Starting a Vehicle

1. **Insert:** Insert the jump cable into the booster port on the AsperX AX4500.
2. **Connect:** Connect the red clamp to the positive (+) terminal of the car battery and the black clamp to the negative (-) terminal.
3. **Ready:** The LED indicator on the jump cable will show a correct connection.
4. **Start:** Start your car engine within 30 seconds.

Note: If the car battery voltage is extremely low (below 0V), you may need to press the "BOOST" button on the jumper cable to force start the vehicle. This action temporarily bypasses some protection functions.

HOW TO START YOUR VEHICLES



Image: Steps for jump starting a vehicle.

Charging Mobile Devices

Connect your mobile device to the AX4500 using a compatible USB Type-C or Quick Charge 3.0 USB cable. The device will automatically begin charging. The PD30W Type-C port and QC3.0 USB port provide fast charging capabilities.

QUICK CHARGING ALL MOBILE DEVICES



Image: AsperX AX4500 charging mobile devices.

Using the Flashlight

The AX4500 features a built-in flashlight with multiple modes: constant, strobe, and SOS. Press and hold the flashlight button to turn it on. Subsequent presses will cycle through the modes. This feature is useful for roadside emergencies or working in low-light conditions.



Image: AsperX AX4500 flashlight in use.

4. MAINTENANCE

- **Regular Charging:** To maintain battery health and extend the lifespan of your jump starter, ensure it is charged at least once every three months, especially if not in regular use.
- **Storage:** Store the device in its provided storage case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the jump starter. Do not use harsh chemicals or abrasive materials.
- **Automatic Shutdown:** The jump starter is designed to automatically shut down after use to conserve power.

5. TROUBLESHOOTING

- **Device Not Turning On:** Ensure the device is sufficiently charged. If the battery level is very low, connect it to a power source.
- **Vehicle Not Starting:**
 - Check that the jumper cables are securely connected to the correct battery terminals (red to positive, black to

- negative).
 - o Ensure the jump starter has at least 30% charge.
 - o If the vehicle battery is completely dead (0V), press the "BOOST" button on the jumper cable to initiate a forced start.
 - o Verify that the vehicle is in neutral or park and the handbrake is engaged.
- **Safety Protections:** The AX4500 includes multiple safety features such as over-charge, short circuit, reverse polarity, low/high temperature, over-voltage, and overload protection. If the device detects an unsafe condition, it may prevent operation. Refer to the LCD display for error codes or indicators.

6. SPECIFICATIONS

Brand	AsperX
Model	AX4500
Peak Output Current	4500 Amps
Battery Capacity	20000 Milliamp Hours
Battery Cell Composition	Lithium Ion
Voltage	12 Volts
Vehicle Service Type	All Gas / 10.0L Diesel Engines (Cars, Trucks, Motorcycles, Boats, RVs, Tractors)
Product Dimensions (D x W x H)	1.46" x 3.84" x 9.33"
Item Weight	867 Grams
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Input/Output Ports	Type-C PD30W (Input/Output), Quick Charge 3.0 USB (Output), 15V/10A DC (Output)

7. WARRANTY AND SUPPORT

The AsperX AX4500 Jump Starter comes with 2-Years Technical Support. For any after-sales questions or assistance with your starter battery pack, please contact AsperX customer support. Refer to the contact information provided in the included user manual or on the official AsperX website.