

EAFC JC06

EAFC 1200A Car Jump Starter User Manual

Model: JC06

1. INTRODUCTION

Thank you for choosing the EAFC 1200A Car Jump Starter. This portable device is designed to provide emergency jump-starting for 12V vehicles (up to 6.0L gasoline or 4.0L diesel engines), as well as serving as a power bank for electronic devices and an LED flashlight. Please read this manual carefully before use to ensure safe and optimal operation.

2. IMPORTANT SAFETY INFORMATION

Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- Upon receiving the product, it is essential to fully discharge the unit by turning on the flashlight until it turns off, then fully charge it for at least 4 hours before its first use. This procedure helps to prolong the product's service life.
- Always ensure the jump starter has at least three bars of power (or over 60% charge) before attempting to jump-start a vehicle.
- Verify that the vehicle battery terminals are clean and free of corrosion.
- Ensure the blue port of the smart clamps is fully inserted into the jump starter.
- Connect the clamps securely to the vehicle battery's positive (+) and negative (-) terminals, ensuring maximum contact area and stability.
- After connecting the clamps, wait 2 to 3 minutes before proceeding. This reduces the load on the jump starter.
- Do not continuously crank the engine. If the car does not start on the first attempt, wait at least 30 seconds before trying again.
- **NEVER** reverse the positive and negative connections.
- **NEVER** allow the two clamps to touch each other (short-circuit).
- Remove the smart clamps from the vehicle battery within 30 seconds after successfully starting the car.
- Violation of these points may cause damage to the jump starter's fuse box or the vehicle's electrical system.
- Operate within the specified temperature range of -20°C (-4°F) to 60°C (140°F).

3. PACKAGE CONTENTS

The EAFC 1200A Car Jump Starter package includes:

- EAFC 1200A Portable Car Jump Starter (Model JC06)
- Smart Jumper Clamps
- USB Charging Cable
- User Manual (this document)

4. PRODUCT FEATURES

- **Powerful Jump Starter:** 1000A peak current, 500A starting current, capable of starting 12V vehicles (up to 6.0L gasoline or 4.0L diesel engines).
- **High Capacity Power Bank:** 12000mAh battery capacity, with USB output (5V/2A) for charging mobile phones, tablets, cameras, and other electronic devices.
- **Wireless Charging:** Supports wireless charging for compatible mobile phones.
- **Advanced Smart Clamps:** Equipped with 8 protection technologies including reverse polarity, short-circuit, over-discharge, overheat, overcurrent, overcharge, overvoltage, and overload protection. Features longer, thicker cables for better conductivity and wider opening range.
- **Multi-mode LED Flashlight:** Integrated powerful LED flashlight with 4 modes: illumination (steady light), strobe, SOS signal, and alarm.
- **Wide Operating Temperature:** Functions reliably in temperatures ranging from -20°C (-4°F) to 60°C (140°F).
- **Long Standby Time:** Maintains charge for up to 12 months when not in use, thanks to optimized self-discharge rates.
- **Durable Construction:** Made from PC+ABS material. Utilizes pure copper cables for enhanced safety and conductivity.

Detalles del producto

Garantía de calidad

Rechace el chapado de cobre y el aluminio revestido de cobre, y utilice únicamente cables de cobre puro. El cobre puro tiene baja resistencia y es más seguro al arrancar el vehículo.

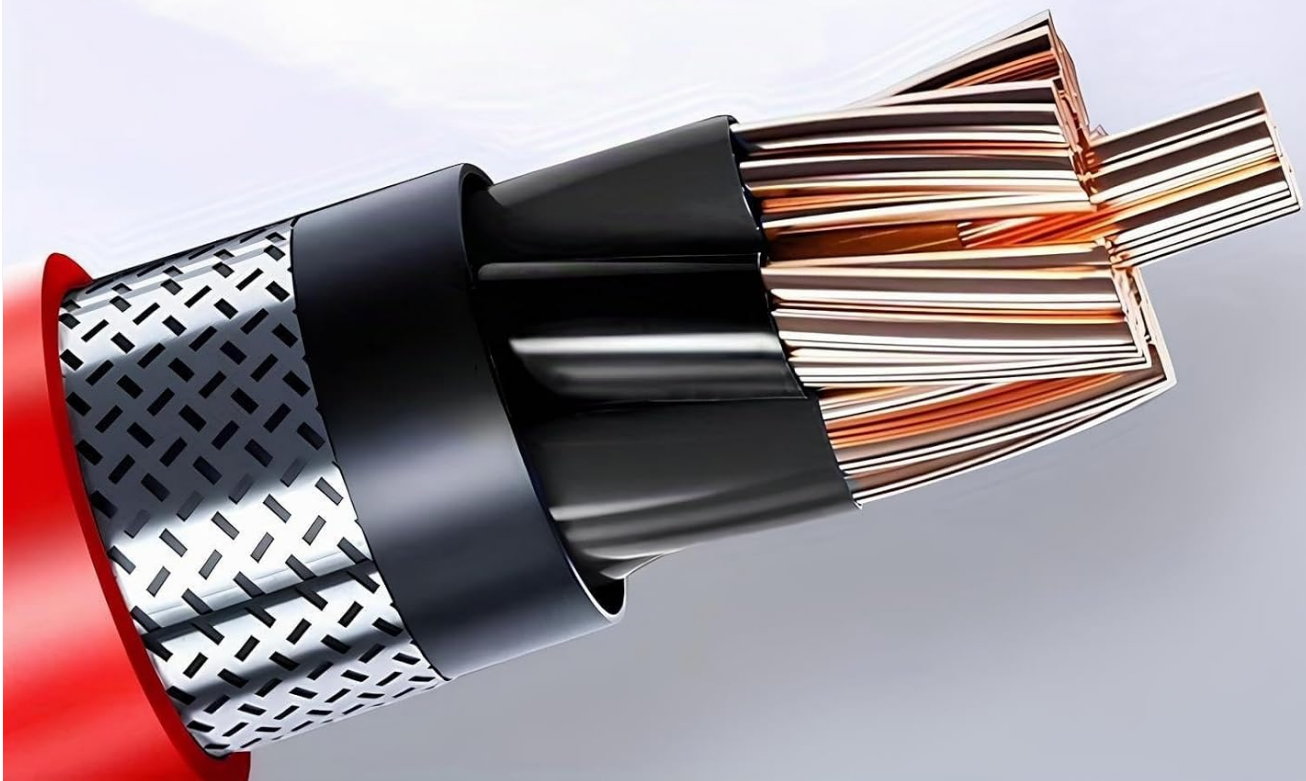


Image: Illustration of the pure copper cable construction, emphasizing quality and safety for vehicle starting.



Image: The jump starter operating effectively across a wide temperature range, from -20°C to +60°C.

5. SETUP AND INITIAL CHARGING

Before using your EAFC 1200A Car Jump Starter for the first time, it is crucial to perform an initial charge cycle:

1. **Discharge:** Turn on the built-in LED flashlight and leave it on until the jump starter's battery is completely depleted and the flashlight turns off. This ensures a full discharge cycle.
2. **Charge:** Connect the jump starter to a power source using the provided USB charging cable. Charge the unit for a minimum of 4 hours, or until the display indicates 100% charge.
3. Once fully charged, the jump starter is ready for use. This initial discharge and charge process helps to optimize battery performance and longevity.

6. OPERATING INSTRUCTIONS

6.1. Jump Starting a Vehicle

Follow these steps carefully to jump-start your vehicle:

1. **Check Jump Starter Charge:** Ensure the jump starter has at least 60% (three bars) of charge.
2. **Prepare Vehicle:** Turn off the vehicle's ignition and all accessories (lights, radio, AC). Engage the parking brake.
3. **Connect Clamps to Jump Starter:** Firmly insert the blue plug of the smart jumper clamps into the jump starter's output port. Ensure it is fully seated.
4. **Connect to Vehicle Battery:**
 - Attach the **RED (+)** clamp to the vehicle battery's **positive (+)** terminal.
 - Attach the **BLACK (-)** clamp to the vehicle battery's **negative (-)** terminal.

Ensure the clamps make good contact with the battery terminals and are stable.
5. **Wait:** After connecting, wait 2 to 3 minutes before proceeding. This allows the jump starter to stabilize and reduce the initial load.
6. **Start Vehicle:** Attempt to start your vehicle. If it doesn't start immediately, wait at least 30 seconds before trying again. Do not crank continuously for more than 3 seconds.
7. **Remove Clamps:** Once the vehicle starts, immediately remove the smart clamps from the vehicle battery within 30 seconds. First, remove the BLACK (-) clamp, then the RED (+) clamp.
8. **Disconnect from Jump Starter:** Disconnect the smart clamps from the jump starter.



Car Electric Fire Starter

Emergency power supply,
12V vehicles are not limited to models



Image: The EAFC jump starter with smart clamps connected, illustrating its primary function for emergency vehicle starting.

6.2. Charging Electronic Devices

The EAFC jump starter can also function as a portable power bank:

- **USB Charging:** Connect your electronic device (mobile phone, tablet, camera, etc.) to the jump starter's USB output port (5V/2A) using a compatible USB cable. The jump starter will automatically begin charging your device.
- **Wireless Charging:** For compatible mobile phones, simply place your phone on the designated wireless charging area of the jump starter. Ensure the jump starter is powered on.

Carga digital adaptable inteligente

Se garantiza la carga del móvil y
la duración de la batería



Image: The jump starter providing power to mobile devices via both USB cable and wireless charging.

Carga inalámbrica para teléfonos móviles

Después de presionar el botón de encendido, conecte el teléfono móvil para cargar, inalámbrico sin complicaciones



Image: Demonstrating the wireless charging capability for smartphones.

6.3. Using the LED Flashlight

The built-in LED flashlight offers multiple modes for various situations:

- **Illumination:** Press the flashlight button once to turn on the steady light for general illumination.
- **Strobe:** Press the button again to activate the strobe light, useful for signaling or attracting attention.
- **SOS:** Press the button a third time to activate the SOS signal, which flashes the international distress signal.
- **Alarm:** Some models may include an alarm function. Refer to the device's specific button sequence if available.
- Press the button a fourth time (or hold it down) to turn off the flashlight.

Iluminación LED potente

Tres modos de iluminación para responder con calma a las emergencias



Image: The powerful LED flashlight demonstrating its illumination, SOS, and strobe modes.

7. MAINTENANCE

- **Recharging:** For optimal battery life, recharge the jump starter every 3-6 months, even if not in use. This helps maintain the battery's health and ensures it's ready when needed.
- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the jump starter in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure it is stored with at least 50% charge.
- **Cable Care:** Inspect the smart clamps and cables regularly for any signs of damage, fraying, or corrosion. Replace if necessary.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not start.	◦ Jump starter battery low. ◦ Clamps not properly connected. ◦ Vehicle battery terminals dirty. ◦ Engine cranked too long. ◦ Vehicle battery severely discharged or damaged.	◦ Recharge the jump starter to over 60%. ◦ Ensure clamps are firmly attached to correct terminals. ◦ Clean vehicle battery terminals. ◦ Wait 30 seconds between attempts; do not crank for more than 3 seconds. ◦ Consult a mechanic if vehicle battery is faulty.
Jump starter not charging.	◦ Charging cable faulty. ◦ Power adapter faulty. ◦ Charging port damaged.	◦ Try a different USB charging cable. ◦ Try a different USB power adapter. ◦ Contact customer support if the port is damaged.
Smart clamps indicator light shows error.	◦ Reverse polarity connection. ◦ Short circuit. ◦ Over-temperature.	◦ Disconnect and reconnect clamps correctly (RED to +, BLACK to -). ◦ Ensure clamps are not touching each other. ◦ Allow unit to cool down before reuse.

9. SPECIFICATIONS

Parameter	Value
Model Number	JC06
Peak Current	1000A
Starting Current	500A
Battery Capacity	12000mAh
Output Voltage	12V
USB Output	5V/2A
Compatible Engine Type	Up to 6.0L Gasoline, 4.0L Diesel
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions (L x W x H)	12 cm x 7.5 cm x 20.5 cm (4.72 in x 2.95 in x 8.07 in)
Weight	554g (1.22 lbs)
Battery Cell Composition	Polymer
External Testing Certification	CE, CCC

Parámetros del producto



Tamaño del producto: 13,7 cm x 7,8 cm x 2,4 cm Capacidad: 12000mAh

Salida USB: 5V/2A Corriente máxima: 1000 A

Tensión de salida: 12 V Corriente inicial: 500 A

Image: Detailed product parameters and dimensions of the EAFC jump starter.

10. WARRANTY AND SUPPORT

The EAFC 1200A Car Jump Starter comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact EAFC customer service through the retailer where you purchased the product or visit the official EAFC brand store online.

Online Store: [EAFC Official Store on Amazon](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question