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EAFC JC02

EAFC JC02 2000A 20000mAh Jump Starter User Manual

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your EAFC JC02 2000A 20000mAh Jump Starter. This device is designed to jump-start 12V vehicles with up to 6.0L gas or 4.0L diesel engines, and also functions as a portable power bank and LED flashlight.

Please read this manual thoroughly before first use and retain it for future reference.

IMPORTANT SAFETY INFORMATION

General Safety Warnings:

- Always wear eye protection when working with batteries.
- Do not short-circuit the jumper clamps.
- Keep the device away from children.
- Do not expose the device to rain or extreme moisture.
- Do not operate the device if it is damaged.
- Ensure proper ventilation during use.

Integrated Safety Features:

- The EAFC JC02 features 10-layer safety protection, including reverse polarity, spark-proof, short-circuit, over-charge, over-discharge, low voltage, over current, and over-heat protection.
- The smart jumper cables provide clear indicator prompts to prevent incorrect connections.

Smart battery clamps

Multiple protection functions,
safer startup



Description: This image illustrates the smart battery clamps, highlighting various protection functions such as reverse polarity, over-charge, and short-circuit protection, ensuring safer operation.



Description: An image emphasizing the 'EXTRASAFE' features of the jump starter, specifically highlighting spark prevention and a booster function, along with the mention of 10 top protection technologies.

PACKAGE CONTENTS

Verify that all items are present:

- EAFC JC02 Jump Starter Unit
- Smart Jumper Cables
- Storage Bag
- USB Charging Cable (Type-C)



Description: The image displays the EAFC JC02 jump starter unit, a pair of smart jumper cables (red and black), and a black zippered storage bag, illustrating the complete package contents.

PRODUCT OVERVIEW

Familiarize yourself with the components of your EAFC JC02 Jump Starter.



EXTRASAFE



SPARKLE
PREVENTION



BOOSTER
FUNCTION



TOP 10 PROTECTION
TECHNOLOGIES



Description: A diagram highlighting the key features of the EAFC JC02 jump starter, including the ON/OFF button, smart display screen, DO anti-reverse interface, charging port, Output 5V 2.0A port, and LED Light.

Key Components:

- **Smart Display Screen:** Shows battery percentage and output/input status.
- **ON/OFF Button:** Powers the unit on or off.
- **DO Anti-Reverse Interface:** Connection point for smart jumper cables.
- **Charging Port (Type-C):** For recharging the jump starter unit.
- **USB Output Ports (USB-A, Type-C):** For charging external devices.
- **LED Light:** Multi-mode flashlight for illumination.

SETUP AND INITIAL CHARGING

Before first use, ensure the jump starter is fully charged.

Charging the Jump Starter:

1. Connect the provided USB charging cable to the Type-C input port on the jump starter.
2. Connect the other end of the USB cable to a suitable USB wall adapter (not included) or car charger.
3. The smart display screen will indicate the charging status. Charge until the display shows 100%.

OPERATING INSTRUCTIONS

Jump Starting a Vehicle

The EAFC JC02 is designed to safely jump-start 12V vehicles with up to 6.0L gas or 4.0L diesel engines.



Description: The EAFC JC02 jump starter unit is shown connected to a car battery using its smart jumper cables, demonstrating a typical jump-start setup under the hood of a vehicle.

Steps for Jump Starting:

1. **Step 1: Insert.** Insert the blue plug of the smart jumper cables into the jump starter's DO anti-reverse interface. Ensure a secure connection.
2. **Step 2: Connect.** Attach the red clamp to the positive (+) terminal of the vehicle's battery and the black clamp to the negative (-) terminal. The smart jumper cable indicator light will show a solid green when connected correctly. For deeply drained batteries (below 9V), press the 'Boost' button on the jump starter if available, or follow specific instructions for your model to activate boost mode.
3. **Step 3: Start.** Return to the vehicle and start the engine.
4. **Step 4: Remove.** Once the engine starts, immediately remove the jumper cables from the car battery, then disconnect them from the jump starter.

Four steps to start your car



STEP 1 INSERT

Attach the battery clamp



STEP 2 CONNECT

**Attach to car battery
solid green light**



STEP 3 START

Start the engine



STEP 4 REMOVE

Remove the clip

Description: A four-panel image illustrating the process of jump starting a car: 1) Inserting the cable into the jump starter, 2) Connecting clamps to the car battery, 3) Starting the engine, and 4) Removing the clamps.

Using as a Portable Power Bank

The jump starter can charge various electronic devices.

- Connect your device's USB charging cable to one of the jump starter's USB-A (Quick Charge 3.0 or standard) or bi-directional Type-C output ports.
- The 15V DC port can power compatible car accessories like tire inflators or car vacuums.

Using the LED Flashlight

The built-in LED flashlight offers three modes for various situations.

- Press and hold the power button for a few seconds to turn on the flashlight (steady mode).
- Press the power button again to cycle through SOS mode (flashing Morse code for distress).
- Press the power button a third time for strobe mode (rapid flashing).
- Press and hold the power button again to turn off the flashlight.



Late night emergency lighting

LED highlight lighting, three switching modes

Description: The EAFC JC02 jump starter is shown with its LED flashlight illuminated, demonstrating its use for emergency lighting. The image also indicates the three available light modes: Highlight, SOS, and Flash.

MAINTENANCE

To ensure the longevity and optimal performance of your jump starter:

- **Recharge Regularly:** Fully recharge the unit every 3-6 months, even if not used, to maintain battery health.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Cable Care:** Inspect jumper cables for damage before each use. Store them neatly in the provided bag.

TROUBLESHOOTING

Vehicle Does Not Start:

- Ensure the jump starter is fully charged.
- Check that the jumper cables are securely connected to both the jump starter and the vehicle battery terminals.
- Verify the smart jumper cable indicator light is solid green. If not, check connections or refer to the

cable's specific error codes.

- Ensure the vehicle's battery terminals are clean and free of corrosion.
- If the vehicle battery is deeply discharged, activate the 'Boost' function if available on your model.

Jump Starter Not Charging:

- Ensure the charging cable is properly connected to both the jump starter and the power source.
- Try a different USB wall adapter or charging cable.

SPECIFICATIONS

Feature	Specification
Brand	EAFC
Model	JC02
Peak Current	2000 Amps
Battery Capacity	20000mAh
Engine Compatibility	Up to 6.0L Gas / 4.0L Diesel
Product Dimensions	0.94"D x 3.07"W x 5.47"H
Item Weight	768 Grams (1.69 pounds)
Operating Temperature	-10°C to +50°C
Safety Protections	10-layer (Reverse Polarity, Spark-Proof, Short-Circuit, Over-Charge, Over-Discharge, Low Voltage, Over Current, Over-Heat)
USB Output 1	Quick Charge 3.0 USB-A
USB Output 2	Standard USB-A
Type-C Port	Bi-directional (Input/Output)
DC Output	15V (for car accessories)

SPECIFICATIONS



Description: The EAFC JC02 jump starter is shown connected to a car battery in a snowy, cold environment, illustrating its ability to operate in temperatures ranging from -10°C to +50°C.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact the seller directly. Keep your purchase receipt as proof of purchase.

You can visit the EAFC Store for more information: [EAFC Official Store](#)