Scatach COCY-011-10000-1

Scatach 011 3000A Car Battery Jump Starter User Manual

Model: COCY-011-10000-1 | Brand: Scatach

Introduction

The Scatach 011 3000A Car Battery Jump Starter is a versatile and essential tool designed to provide reliable power for your vehicle and other electronic devices. With its high peak current, it can safely jump start a wide range of 12V vehicles, including those with large gasoline and diesel engines. Beyond jump starting, it functions as a portable power bank and features a multi-mode LED flashlight for emergency situations. This manual provides detailed instructions on how to set up, operate, maintain, and troubleshoot your Scatach jump starter.

What's in the Box

Upon opening the package, please verify that all the following components are included:

- Scatach 011 Car Starter Jumper Power Bank
- Smart Jump Cable
- USB Type-C Charging Cable
- User Manual (this document)
- Storage Case



Figure 1: Included components of the Scatach 011 Jump Starter. The image displays the main jump starter unit, smart jump cables, a USB Type-C charging cable, the user manual, and a zippered storage case, all neatly arranged.

Key Features

Powerful Jump Starting Capability

The Scatach 011 jump starter delivers a powerful 3000A peak current, enabling it to safely start 12V vehicles in seconds. It is suitable for a wide range of engines, including gasoline engines up to 9.0L and diesel engines up to 7.0L. A single full charge can provide up to 50 jump starts, making it a reliable emergency tool.



Figure 2: The Scatach 011 Jump Starter highlighting its 3000A peak current and compatibility with various engine sizes, capable of providing multiple jump starts on a single charge.

Advanced Safety Protections

Equipped with intelligent protection systems, the Scatach 011 ensures safe operation even for novice users. It includes multiple safety features such as spark-proof technology, reverse polarity protection, low-temperature protection, high-temperature protection, and over-load protection. These features prevent damage from incorrect connections or adverse conditions.



Figure 3: Visual representation of the comprehensive safety features integrated into the Scatach 011 Jump Starter, ensuring secure and reliable use.

Portable Power Bank Functionality

This portable car battery charger features a compact design, similar in size to a standard power bank (approximately 8.7" x 4.6" x 4" and weighing 1.9 lbs). It can provide emergency charging for various powered-off mobile devices via its USB interface, making it highly convenient for travel and long drives.



Figure 4: The Scatach 011 Jump Starter demonstrating its capability to charge multiple electronic devices, highlighting its versatility as a portable power source.

3-in-1 LED Flashlight

The unit includes a unique LED flashlight with three distinct modes: a standard flashlight for illumination, a strobe light for signaling, and an SOS light for emergency situations. This feature is particularly useful for outdoor emergencies or working in low-light conditions.



Figure 5: The integrated LED flashlight of the Scatach 011 Jump Starter, illustrating its three functional modes for various lighting and emergency needs.

Setup Instructions

1. **Initial Charge:** Before first use, fully charge the Scatach 011 Jump Starter using the provided USB Type-C charging cable. Connect the cable to the jump starter's input port and a suitable USB power adapter (not included). The digital display will show the charging progress. A full charge typically takes about 4 hours with a 3.1 amp charger.
2. **Check Battery Level:** Ensure the jump starter has sufficient power (at least 50% charge) before attempting to jump start a vehicle. The digital display indicates the current battery percentage.
3. **Inspect Components:** Before each use, visually inspect the jump starter unit and the smart jump cables for any signs of damage, corrosion, or wear. Do not use if any components are damaged.

Operating Instructions: Jump Starting a Vehicle

Follow these steps carefully to safely jump start your vehicle:

1. **Step 1: Prepare the Jump Starter.** Ensure the jump starter has sufficient power. Plug the smart jump cable into the 12V vehicle start port on the jump starter unit. The unit should indicate readiness.
2. **Step 2: Connect to Vehicle Battery.** Connect the **Red** clamp to the vehicle battery's **positive (+) terminal**. Connect the **Black** clamp to the vehicle battery's **negative (-) terminal**. Ensure a secure connection. The smart cable's indicator light will confirm a correct connection.
3. **Step 3: Start Your Vehicle.** Once the clamps are securely connected and the smart cable indicates readiness, start your vehicle's engine. If the vehicle does not start immediately, wait 30 seconds before attempting again. Do not crank the engine for more than 3 seconds per attempt.
4. **Step 4: Remove the Jumper.** As soon as the vehicle starts, immediately remove the smart jump cable's **Black** clamp from the vehicle's negative (-) terminal, followed by the **Red** clamp from the positive (+) terminal. Then, disconnect the smart jump cable from the jump starter unit.



Figure 6: Step-by-step visual instructions for jump starting a vehicle using the Scatach 011 Jump Starter, emphasizing correct connection and disconnection procedures.

Important Safety Precautions:

- Do not connect the red and black clamps together.
- Do not attempt to jump start a frozen battery.
- Ensure the vehicle's ignition is off before connecting the jump starter.
- If the smart cable indicator shows an error, refer to the troubleshooting section.

Charging the Scatach 011 Jump Starter

To recharge your Scatach 011 Jump Starter:

1. Connect the provided USB Type-C charging cable to the input port on the jump starter.
2. Connect the other end of the USB Type-C cable to a USB wall adapter (5V/2A or higher recommended) or a car charger.
3. The digital display will show the charging status and current battery percentage. The unit is fully charged when the display shows 100%.
4. Disconnect the charging cable once fully charged.

Note: For optimal performance and longevity, it is recommended to fully charge the unit every 3-6 months, even when not in use.

Maintenance

- **Storage:** Store the jump starter in its provided storage case in a cool, dry place, away from direct sunlight, moisture, and flammable materials.
- **Charging:** To maintain battery health, recharge the unit at least once every three months, even if it has not been used.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are free of dust and debris.
- **Cable Care:** Keep the smart jump cables clean and free of kinks or damage. Store them properly coiled in the case.

Troubleshooting

Problem	Possible Cause	Solution
Jump starter does not turn on.	Battery is completely drained.	Charge the jump starter fully.
Vehicle does not start.	Incorrect clamp connection.	Ensure clamps are connected correctly (Red to +, Black to -). Check smart cable indicator.
Vehicle does not start.	Jump starter battery too low.	Ensure jump starter has at least 50% charge.
Vehicle does not start.	Vehicle battery is severely damaged or frozen.	Consult a professional mechanic. The jump starter cannot fix a dead or damaged battery.
Smart cable indicator shows an error.	Reverse polarity, short circuit, or other protection activated.	Disconnect clamps, check connections, and re-attempt. Refer to smart cable's specific error codes if available.
Flashlight not working.	Battery low or button not pressed correctly.	Charge the unit. Long press the power button to activate the flashlight. Short press to cycle modes.

Specifications

Feature	Detail

Feature	Detail
Brand	Scatach
Model Number	COCY-011-10000-1
Peak Output Current	3000 Amps
Engine Compatibility	Up to 9.0L Gasoline, 7.0L Diesel
Product Dimensions	5"D x 5"W x 5"H (approximate)
Item Weight	1.65 pounds (approximate)
Battery Type	Lithium Polymer (1 required, included)
Flashlight Modes	Flashlight, Strobe, SOS
Manufacturer	Dongguan Huaqing Technology Co., LTD
UPC	753557907673

Warranty and Support

The Scatach 011 Car Battery Jump Starter comes with 2-years technical support. If you encounter any issues or require assistance, please contact Scatach customer service. For more information about Scatach products and support, you can visit the official Scatach Store:

Visit the Scatach Store on Amazon

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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

Answered questions about this manual

How do you turn off the Scatach COCY-011-10000-1 power pack?

To turn off the Scatach COCY-011-10000-1 Jump Starter, follow these steps:Automatic Shut-off: Most portable jump starters of this type are designed to turn off automatically after a period of inactivity (usually 30 seconds to...

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