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› Scatach 3500A Portable Car Jump Starter User Manual

Scatach 002

Scatach 3500A Portable Car Jump Starter User Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your Scatach 3500A Portable Car Jump Starter. Designed for convenience and reliability, this device is capable of starting vehicles with up to 10.0L gasoline and 8.0L diesel engines. It also features a power bank function and an LED flashlight for various emergency situations. Please read this manual thoroughly before first use and keep it for future reference.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Car Jump Starter (x1)
- Smart Jump Cable (x1)
- USB Type-C Charging Cable (x1)
- User Manual (x1)
- Storage Case (x1)



Figure 1: Scatch 3500A Jump Starter and its included accessories.

3. PRODUCT FEATURES

The Scatch 3500A Jump Starter is equipped with several features designed for performance, safety, and convenience:

- **High Peak Current:** Delivers 3500A peak current, suitable for starting 12V vehicles with up to 10.0L gasoline and 8.0L diesel engines.
- **Advanced Safety Protections:** Features intelligent protection systems including spark-proof technology, reverse polarity protection, low-temperature protection, high-temperature protection, and over-load protection.
- **Multi-Mode LED Flashlight:** Integrated LED light with three modes: normal illumination, strobe, and SOS for emergency signaling.
- **Portable Power Bank:** Equipped with USB ports (USB 1: 5V/2A 5V/3A, USB 2: 5V/2A) to charge mobile devices, ensuring connectivity in remote locations.
- **Compact and Lightweight Design:** Easy to carry and store in your vehicle without occupying much space.

10 SAFTY PROTECTIONS



SHORT CIRCUIT PROTECTION

VOLTAGE REGULATION PROTECTION

OVER CHARGE PROTECTION

TEMPERATURE PROTECTION

OVERTEMPERATURE PROTECTION

REVERSE CONNECTION PROTECTION

OVERLOAD PROTECTION

OVER DISCHARGE PROTECTION

REVERSE POLARITY PROTECTION

OVERCURRENT PROTECTION

Figure 2: Overview of the 10 integrated safety protections.

PORTABLE RAPID BATTERY CHARGER

USB/5V/3A

TYPE-C/5V/3A

USB3.0/5V/2A



Figure 3: Portable rapid battery charger functionality with USB and Type-C outputs.

3 IN 1 LED FLASHLIGHT



Figure 4: The 3-in-1 LED flashlight with various modes for emergency lighting.

4. SETUP

4.1 Initial Charging

Before using the Scatach 3500A Jump Starter for the first time, ensure it is fully charged to 100%. Use the provided USB Type-C charging cable to charge the unit. The LED display on the jump starter will indicate the current charge level.

4.2 Connecting Smart Clamps

The smart jump cable connects to the jump starter unit via a dedicated port. Ensure the connection is secure before proceeding to jump start a vehicle.

5. 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 (at least 70% charge is

recommended) and is securely plugged into the smart jump cable connector.

2. **Step 2: Connect to Vehicle Battery.** Connect the **RED** clamp to the vehicle battery's positive (+) terminal. Then, connect the **BLACK** clamp to the vehicle battery's negative (-) terminal. Ensure a firm connection.
3. **Step 3: Start Your Engine.** Once the smart jump cable indicator light turns green (indicating a correct and safe connection), start your vehicle's engine.
4. **Step 4: Remove Jump Cable.** As soon as the engine starts, immediately remove the smart jump cable from the vehicle battery terminals, then disconnect it from the jump starter unit.



Figure 5: Step-by-step guide for jump starting a vehicle.

6. SAFETY PRECAUTIONS

To ensure safe operation and prevent damage to the device or your vehicle, observe the following precautions:

- Always read the user manual before operation.
- Ensure the jump starter is adequately charged before use.
- Connect the clamps correctly: **RED** to positive (+), **BLACK** to negative (-).

- Do not touch the red and black clamps together to avoid short circuits.
- Do not attempt to jump start a frozen battery.
- If the vehicle does not start after 3 attempts, discontinue use and consult a professional.
- Keep the device away from children.
- Store in a cool, dry place.

7. MAINTENANCE

Proper maintenance will extend the lifespan of your jump starter:

- Recharge the unit every 3-6 months, even if not in use, to maintain battery health.
- Store the jump starter and accessories in the provided storage case to protect them from dust and damage.
- Clean the exterior of the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

8. TROUBLESHOOTING

If you encounter issues with your Scatach 3500A Jump Starter, try the following:

- **Unit not turning on:** Ensure the power button is pressed and held for a few seconds. Check if the battery is completely drained and needs charging.
- **Vehicle not starting:** Verify that the jump starter has sufficient charge. Check that the smart clamps are securely connected to the correct battery terminals. Ensure the smart jump cable indicator light is green.
- **Smart clamp indicator shows red/error:** This typically indicates an incorrect connection (e.g., reverse polarity) or a problem with the vehicle's battery. Disconnect and re-connect the clamps carefully, ensuring correct polarity.
- **Device not charging:** Ensure the USB Type-C cable is properly connected to both the jump starter and a working power source.

9. SPECIFICATIONS

Specification	Value
Brand	Scatach
Model Number	002
Peak Output Current	3500 Amps
Voltage	12 Volts
Engine Compatibility	Up to 10.0L Gasoline, 8.0L Diesel
Battery Cell Composition	Lithium Polymer
Item Weight	1.65 pounds (0.75 Kilograms)
Product Dimensions	5"D x 5"W x 5"H
USB Output	USB 1: 5V/2A 5V/3A, USB 2: 5V/2A

UPC	727636495580
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10. WARRANTY & SUPPORT

The Scatach 3500A Portable Car Jump Starter comes with a **24-month warranty** from the date of purchase. If you encounter any issues or require assistance, please contact us in time. Our customer support team is ready to help.