Scatach 019

Scatach 019 Car Jump Starter User Manual

Model: 019

Introduction

The Scatach 019 Car Jump Starter is a portable power solution designed to start vehicles with dead batteries and charge electronic devices. This powerful unit can start vehicles with up to 14.0L gasoline and 12.0L diesel engines, making it suitable for a wide range of cars, trucks, boats, and motorcycles. It features PD65W technology for fast device charging, a large display for battery level monitoring, and a built-in flashlight with multiple modes for emergency situations.

What's in the Box

Verify that all items are present in the package upon unboxing.



Image: Contents of the Scatach 019 Car Jump Starter package. This includes the main jump starter unit, smart jump clamps, a portable carrying bag, the user manual, and a USB Type-C charging cable.

- Scatach 019 Car Jump Starter Power Bank (x1)
- Smart Jump Cable (x1)
- USB Type-C Charging Cable (x1)
- User Manual (x1)
- Portable Bag (x1)

Setup

Initial Charging

Before first use, fully charge the Scatach 019 Car Jump Starter. Connect the provided USB Type-C charging cable to the jump starter's input port and a suitable USB power adapter (not included). The large display will indicate the charging status and battery level. Ensure the unit is fully charged for optimal performance.

Component Overview

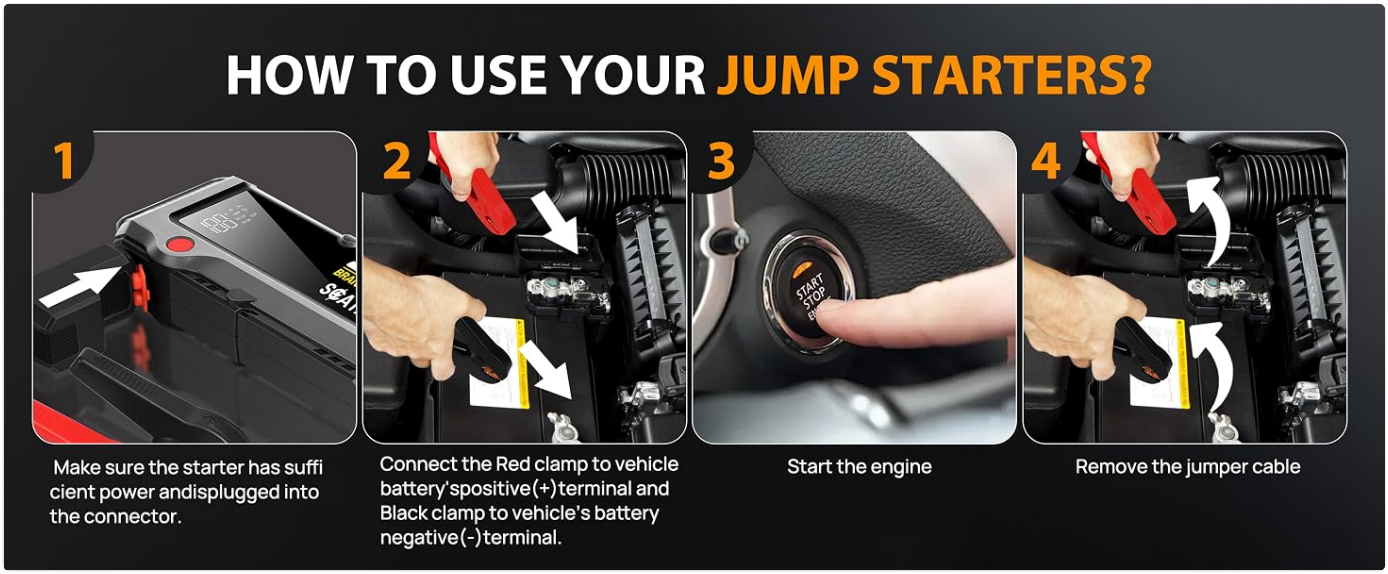


Image: Labeled components of the Scatach 019 Car Jump Starter and its smart clamps. Key features include the LED display, power switch, LED light, DO automobile starting interface, USB 5V/3A output, and the smart clamp with insulated wires and starter clips.

Familiarize yourself with the various ports and indicators on the jump starter. The LED display shows battery percentage and operational status. The DO Automobile Starting Interface is where the smart jump cable connects. USB ports are available for charging external devices.

Operating Instructions

Jump Starting a Vehicle

Follow these steps carefully to safely jump start your vehicle:



Image: A four-step diagram illustrating the process of jump starting a car using the Scatach 019. It shows connecting the smart clamps to the jump starter, then to the car battery terminals, starting the engine, and finally disconnecting the clamps.

1. **Ensure Sufficient Power:** Make sure the jump starter has at least 50% battery charge. Plug the smart jump cable into the "DO Automobile Starting Interface" port on the jump starter.
2. **Connect to Battery:** Connect the **red** clamp to the vehicle's positive (+) battery terminal. Connect the **black** clamp to the vehicle's negative (-) battery terminal. Ensure a secure connection. The smart cable will indicate readiness.
3. **Start Engine:** Return to your vehicle and start the engine. If the engine does not start immediately, wait 30 seconds before attempting again. Do not crank the engine for more than 3 seconds per attempt.
4. **Remove Jumper Cable:** Once the vehicle starts, immediately remove the smart jump cable from the vehicle battery terminals, then disconnect it from the jump starter.

Important Safety Note: Always connect the clamps to the battery terminals first, then plug the smart cable into the jump starter. Disconnect in reverse order: unplug from jump starter, then remove from battery terminals. Do not allow the red and black clamps to touch each other.



Image: The Scatach 019 Car Jump Starter in use, connected to a car battery. The image highlights its capability to deliver 5000A peak current and its compatibility with large gasoline and diesel engines.

Using the Flashlight

The Scatach 019 features a built-in LED flashlight with three modes:

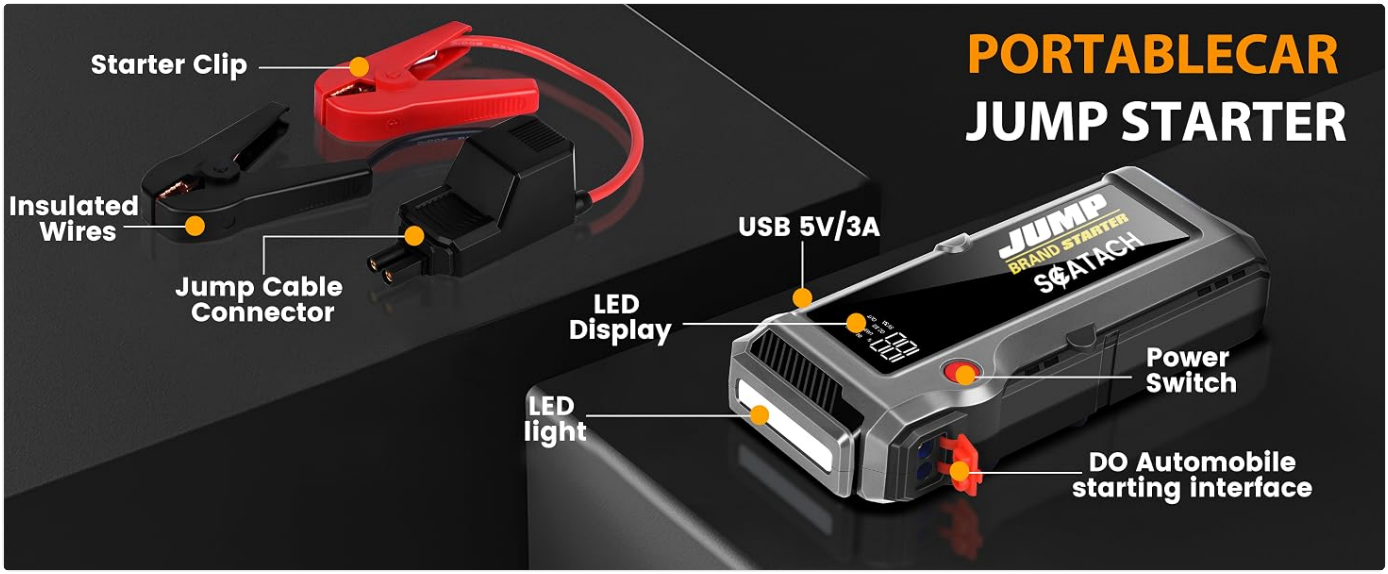


Image: Close-up of the Scatach 019's integrated LED flashlight, illustrating its three operational modes: standard flashlight, strobe light, and

SOS signal light.

- **Standard Flashlight:** Press and hold the flashlight button to turn on the steady light.
- **Strobe Light:** Press the flashlight button again to switch to strobe mode.
- **SOS Light:** Press the flashlight button a third time to activate the SOS signal mode.
- To turn off the flashlight, press the button a fourth time or hold it down.

Charging External Devices (Power Bank Function)

The Scatach 019 can also function as a power bank to charge your electronic devices via its USB output ports, including PD65W fast charging.



Image: The Scatach 019 Car Jump Starter connected to and charging various electronic devices like a smartphone and tablet, demonstrating its power bank functionality with PD65W fast charging.

Connect your device's charging cable to the appropriate USB output port on the jump starter. The unit will automatically begin charging your device. The large display will show the remaining battery capacity of the jump starter.

Safety Protections

The Scatach 019 Car Jump Starter is equipped with an intelligent protection system to ensure safe operation for both the user and the vehicle. These protections are integrated into the smart jump cable and the unit itself.



Image: An infographic detailing the nine safety protections built into the Scatach 019 Car Jump Starter and its smart clamps. These include safeguards against short circuits, reverse connections, overcharging, over-discharging, voltage irregularities, overcurrent, overload, extreme temperatures, and reverse polarity.

- **Short Circuit Protection:** Prevents damage from accidental short circuits.
- **Reverse Connection Protection:** Alerts and protects if clamps are connected to incorrect battery terminals.
- **Over Charge Protection:** Safeguards the internal battery from overcharging.
- **Over Discharge Protection:** Prevents the internal battery from being fully depleted, extending its lifespan.
- **Voltage Regulation Protection:** Maintains stable voltage output.
- **Over Current Protection:** Protects against excessive current flow.
- **Overload Protection:** Shuts down if the load exceeds safe limits.
- **Temperature Protection:** Monitors and protects against extreme operating temperatures.
- **Reverse Polarity Protection:** Ensures correct connection to the vehicle battery.

Maintenance

- **Charging:** Recharge the jump starter every 3-6 months, even if not in use, to maintain battery health.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures. Keep it out of reach of children.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the jump starter. Do not use harsh chemicals or abrasive cleaners.
- **Cable Care:** Inspect the smart jump cable and clamps for any damage before each use. Do not use if wires are frayed or clamps are broken.

Troubleshooting

Problem	Possible Cause	Solution
Vehicle does not start.	Jump starter battery is low. Clamps are not connected properly. Vehicle battery is severely damaged.	Recharge the jump starter. Ensure clamps are securely attached to the correct battery terminals. Consult a professional mechanic.
Smart cable indicator light is red/flashing.	Reverse polarity connection. Short circuit detected. Over-temperature.	Disconnect and reconnect clamps to correct terminals. Check for any metal contact between clamps. Allow unit to cool down before use.
Jump starter not charging external devices.	Jump starter battery is low. Device cable is faulty. Device is not compatible.	Recharge the jump starter. Try a different charging cable. Verify device compatibility with USB output specifications.
Flashlight not working.	Jump starter battery is low. Button not pressed correctly.	Recharge the jump starter. Press and hold the flashlight button to activate.

Specifications

Feature	Detail
Brand	Scatach

Feature	Detail
Model Number	019
Peak Amperage	5000 Amps
Battery Capacity	20000 Milliamp Hours
Battery Cell Composition	Lithium Polymer
Voltage	12 Volts
Engine Compatibility (Gasoline)	Up to 14.0L
Engine Compatibility (Diesel)	Up to 12.0L
Product Dimensions (D x W x H)	5"D x 5"W x 5"H
Item Weight	0.75 Kilograms
Charging Output	PD65W, USB 5V/3A
Flashlight Modes	Standard, Strobe, SOS

Warranty and Support

For any assistance, questions, or concerns regarding your Scatach 019 Car Jump Starter, please contact our customer support team. Refer to the contact information provided with your purchase or visit the official Scatach website for support details.
The product comes with a standard manufacturer's warranty. Please retain your proof of purchase for warranty claims. Details of the warranty period and coverage can be found on the product packaging or by contacting customer support.

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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