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› AVAPOW Car Jump Starter A07 User Manual

AVAPOW A07

AVAPOW Car Jump Starter A07 User Manual

Model: A07

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your AVAPOW A07 Car Jump Starter. Please read this manual thoroughly before operating the device and retain it for future reference. The AVAPOW A07 is a portable, high-capacity jump starter designed to start 12V vehicles with up to 7L gasoline or 5.5L diesel engines. It also functions as a power bank and features an integrated LED light.

FOR UPTO 7L GAS/5.5L DIESEL 1500A PEAK CURRENT



Car



SUV



Truck



Moto



Yacht



**12
VOLT**

**40
STARTS**

**9 MONTHS
STANDBY**

Image: The AVAPOW A07 jump starter, highlighting its 1500A peak current and compatibility with 12V cars, SUVs, trucks, motorcycles, and yachts, capable of starting up to 7L gas and 5.5L diesel engines. It also shows 40 starts and 9 months standby time.

2. SAFETY INFORMATION

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Do not disassemble the jump starter. Incorrect reassembly may lead to fire or electric shock.
- Do not use this device if the cables or clamps are damaged.
- Do not use the jump starter to start a vehicle while charging the device.
- Keep out of reach of children.
- Ensure the clamps are connected to the correct battery terminals (positive to positive, negative to negative).
- Avoid short-circuiting the red and black clamps.
- Do not expose the device to extreme temperatures (above 60°C/140°F or below -20°C/-4°F).

- Store the device in a cool, dry place away from direct sunlight.
- This device contains a lithium-ion battery. Dispose of it properly according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x AVAPOW A07 Portable Car Jump Starter
- 1 x Smart Jumper Cables
- 1 x USB Type-C Charging Cable
- 1 x User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your AVAPOW A07 jump starter:



Image: A detailed diagram of the AVAPOW A07 jump starter, labeling its key features including the LED display, EC5 jump start

output, LED light, light button, Type-C input (5V/2A, 9V/2A), QC3.0 output (5V/3A, 9V/2A, 12V/1.5A), and power button. Icons represent Jump Starter, Power Pack, Lighting, SOS, and Strobe functions.

- **LED Display:** Shows battery percentage and status.
- **EC5 Jump Start Output:** Port for connecting the smart jumper cables.
- **LED Light:** Provides illumination with multiple modes.
- **Light Button:** Controls the LED light modes.
- **Type-C Input:** For recharging the jump starter.
- **QC3.0 Output:** USB port for charging external devices.
- **Power Button:** Turns the device on/off and activates functions.

5. SETUP AND CHARGING

Before first use, fully charge the AVAPOW A07 jump starter.

1. Connect the provided USB Type-C charging cable to the Type-C input port on the jump starter.
2. Connect the other end of the USB cable to a USB wall adapter (not included) or a powered USB port.
3. The LED display will show the charging progress. Charge until the display shows 100%.

A full charge typically takes 2.5 to 4 hours. It is recommended to recharge the device every 3-6 months to maintain optimal battery health, even if not in use.



Image: The AVAPOW A07 jump starter connected to a wall outlet via a USB-C cable for recharging, illustrating the ease of charging the device.

6. OPERATING INSTRUCTIONS

6.1. Jump Starting a Vehicle

Follow these steps carefully to jump start your vehicle:

1. Ensure the jump starter is sufficiently charged (at least 50% recommended).
2. Connect the smart jumper cables to the EC5 output port on the jump starter. Ensure a firm connection.
3. Connect the red (+) clamp to the positive (+) terminal of the vehicle's battery.
4. Connect the black (-) clamp to the negative (-) terminal of the vehicle's battery.
5. Once connected, the indicator light on the smart jumper cable will turn solid green, indicating a safe connection. If it flashes or turns red, check the connections.
6. Start your vehicle's engine. Do not crank for more than 3 seconds. If the engine does not start, wait at least 30 seconds before trying again.
7. Once the vehicle starts, immediately remove the black (-) clamp from the vehicle battery, followed by the red (+) clamp.
8. Disconnect the smart jumper cables from the jump starter.

STEPS TO START ENGINE



1. Press the power button and insert the jumper cable to the EC5 Out port.



2. Connect the jump clamps to the car battery (Red to positive, Black to negative).



3. Start your car engine.



4. Remove it after jump your car successfully.

Image: A four-panel illustration demonstrating the steps to jump start an engine: 1. Press power button and insert jumper cable into EC5 Out port. 2. Connect red clamp to positive battery terminal and black clamp to negative. 3. Start the car engine. 4. Remove clamps after successful jump start.

6.2. Using as a Power Bank

The AVAPOW A07 can charge various electronic devices via its QC3.0 USB output port.

1. Connect your device's USB charging cable to the QC3.0 output port on the jump starter.
2. The jump starter will automatically begin charging your device.
3. The LED display will show the remaining battery level of the jump starter.



Image: The AVAPOW A07 jump starter connected via USB to a smartphone, illustrating its function as a portable power bank with quick charging capabilities. The jump starter's LED screen shows "A07 100" and the phone displays 78% charge.

6.3. Using the LED Light

The built-in LED light offers three modes: illumination, strobe, and SOS.

1. **Illumination:** Long press the power button to turn on the ultra-bright LED light.
2. **Strobe:** With the light on, short press the power button to switch to strobe mode (flashing alternatively).
3. **SOS:** Short press the power button again to switch to SOS mode (3 short, 3 long, 3 short flashes).
4. **Turn Off:** Short press the power button once more to turn off the light, or long press the power button from

any light mode.

SUPER BRIGHT WITH 21 LED BULBS



Illumination: Long press the power button



Always ultra bright



SOS: Short press the power button



3 short – 3 long – 3 short



Strobe: Short press the power button



Flash alternatively



Image: The AVAPOW A07 jump starter demonstrating its super bright LED light with 21 bulbs, showing three modes: Illumination (long press power button), SOS (short press power button: 3 short - 3 long - 3 short), and Strobe (short press power button: flash alternatively).

7. MAINTENANCE AND STORAGE

Proper maintenance ensures the longevity and performance of your jump starter.

- **Recharging:** Recharge the jump starter every 3-6 months, even if not in use, to maintain battery health. The device can standby for up to 9+ months on a full charge.
- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the jump starter in a cool, dry place between -20°C and 60°C (-4°F and 140°F). Avoid direct sunlight and high humidity.
- **Cable Care:** Ensure jumper cables are clean and free of damage before and after each use. Store them neatly to prevent tangling or damage.

9+ MONTHS STANDBY

NO NEED TO WORRY ABOUT BATTERY LOSS

OTHER: 3 to 6 MONTHS



Image: The AVAPOW A07 jump starter connected to a car battery, emphasizing its 9+ months standby capability, indicating no need to worry about battery loss during storage, compared to other devices with 3 to 6 months standby.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Jump starter does not turn on.	Battery is completely drained.	Recharge the jump starter fully.
Vehicle does not start.	Incorrect clamp connection. Jump starter battery too low. Vehicle battery is severely damaged.	Ensure clamps are connected correctly (red to +, black to -). Recharge the jump starter. Consult a professional mechanic.

Problem	Possible Cause	Solution
Smart jumper cable indicator light is red or flashing.	Reverse polarity connection. Short circuit detected. Vehicle battery voltage too low.	Disconnect and reconnect clamps correctly. Ensure clamps are not touching each other or other metal parts. Try again after a few minutes, or if persistent, vehicle battery may be beyond jump starting.
Device not charging external devices.	Jump starter battery too low. Incorrect USB cable or port.	Recharge the jump starter. Ensure you are using the QC3.0 output port and a functional USB cable.

9. SPECIFICATIONS

Feature	Detail
Model	A07
Peak Output Current	1500A
Amperage	150 Amps
Engine Compatibility	Up to 7L Gas / 5.5L Diesel (12V vehicles)
Battery Type	Lithium Ion (4 batteries included)
Input (Type-C)	5V/2A, 9V/2A
Output (QC3.0 USB)	5V/3A, 9V/2A, 12V/1.5A
LED Light	400 Lumen, 21 bulbs (Lighting/Flash/SOS modes)
Product Dimensions	9.4"D x 3.53"W x 5.93"H
Item Weight	2.2 Pounds
Water Resistance	IP65 Rated

10. WARRANTY AND SUPPORT

AVAPOW products are designed and manufactured to the highest quality standards. For warranty information, technical support, or customer service inquiries, please contact AVAPOW customer support through the retailer's platform or the official AVAPOW website.

Please have your model number (A07) and purchase details ready when contacting support.

