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> AVAPOW A28 Jump Starter and Wall Charger User Manual

## AVAPOW A28

# AVAPOW A28 Jump Starter and Wall Charger User Manual

Model: A28

## 1. INTRODUCTION

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Thank you for choosing the AVAPOW A28 Jump Starter and 18W Wall Charger. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and retain it for future reference.

## 2. PRODUCT OVERVIEW

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The AVAPOW A28 is a powerful and portable jump starter designed to safely start vehicles with up to 8.0L gas or 8.0L diesel engines. It features 3000 peak amps and can provide up to 50 jump starts on a single charge. The included 18W wall charger ensures efficient charging of the jump starter and other compatible devices.



Image: The AVAPOW A28 Jump Starter unit, smart battery clamps (red and black), and the 18W USB wall charger with its charging cable.

### 3. PACKAGE CONTENTS

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- AVAPOW A28 Jump Starter
- Smart Battery Clamps
- 18W USB Wall Charger
- USB Charging Cable
- User Manual

### 4. SETUP AND INITIAL CHARGING

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#### 4.1 Initial Charging of the Jump Starter

Before first use, fully charge the AVAPOW A28 Jump Starter. This ensures optimal performance and extends battery life.

1. Connect the USB charging cable to the AVAPOW A28 Jump Starter's input port.
2. Plug the other end of the USB charging cable into the 18W USB Wall Charger.
3. Insert the 18W USB Wall Charger into a standard wall outlet.
4. The indicator lights on the jump starter will illuminate to show charging progress. Charge until all indicator lights are solid, indicating a full charge.



Image: The AVAPOW A28 Jump Starter connected to the 18W wall charger for charging. The charger is plugged into a wall outlet.

## 4.2 Using the 18W USB Wall Charger

The included 18W USB Wall Charger can also be used to charge other compatible USB-C devices, such as smartphones or tablets.

# 18W USB WALL POWER CHARGER



Quick Charger 3.0

Output:5V/3A 9V/2A 12V/1.5A

Image: A close-up view of the AVAPOW 18W USB Wall Charger, highlighting its compact design and USB-C port.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Jump Starting a Vehicle

Ensure the jump starter is fully charged before attempting to jump start a vehicle.

1. **Connect the Smart Clamps:** Insert the blue plug of the smart battery clamps into the jump starter's port. Ensure a secure connection.
2. **Connect to Car Battery:** Attach the red (+) clamp to the positive (+) terminal of the car battery and the black (-) clamp to the negative (-) terminal of the car battery.
3. **Check Indicator:** The smart clamp's indicator light will show the connection status. A solid green light indicates a correct and ready connection. If a beep or flashing light occurs, check connections for safety issues (e.g., reverse polarity).
4. **Start the Vehicle:** Once the green light is solid, start your vehicle's engine.

5. **Disconnect Clamps:** After the vehicle starts, immediately remove the smart clamps from the car battery terminals, then disconnect the clamps from the jump starter.

# START YOUR CAR BATTERIES IN 5 MINS



**12**  
VOLT

**8L**  
GAS

**8L**  
DIESEL

**60**  
STARTS

  
LED LIGHTS

Image: The AVAPOW A28 Jump Starter with its smart clamps connected to a car battery, ready to start the vehicle.

# 3000A CAR JUMP STARTER

For up to 8L Gas / Diesel Engines,  
26 inches long jumper cables



Image: A user connecting the AVAPOW A28 Jump Starter to a car battery under the hood, demonstrating the ease of use.

## 5.2 Force Start Function

If the jump starter cannot detect the car battery or fails to start the car in normal mode, use the Force Start Function:

1. Connect the smart clamps to the car battery terminals as described above.
2. Long press the "Force Start" button on the jump starter for 3 seconds until the green light turns on.
3. Immediately start your vehicle's engine within 30 seconds.

4. After the vehicle starts, immediately remove the smart clamps from the car battery terminals, then disconnect the clamps from the jump starter.

### 5.3 Safety Features of Smart Clamps

The smart clamps are designed with 8 protection functions, including spark-proof technology. If an incorrect connection is made (e.g., reverse polarity), the clamps will emit a beep and a flashing light to alert you, preventing damage and ensuring safety.

# SAFE CABLES WITH PROTECTIONS



Beeps and lights make use easier,  
safety features to avoid sparks.

Image: A detailed view of the AVAPOW jump starter's connection port, showing the indicator lights for safe cable connections and

protection features.

## **6. MAINTENANCE**

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### **6.1 Charging Recommendations**

To maintain the optimal performance and longevity of your AVAPOW A28 Jump Starter, it is recommended to keep it fully charged. Even if not in use, charge the unit once a month to prevent deep discharge and ensure it's ready when needed. The device can maintain a charge for up to 12 months on standby.

# STANDBY FOR 12 MONTHS



1000+ cycles of use, we recommend that you keep it fully charged once a month even if you don't use it

Image: The AVAPOW A28 Jump Starter illustrating its capability to hold a charge for up to 12 months in standby mode.

## 6.2 Storage

Store the jump starter in a cool, dry place away from direct sunlight, heat sources, and moisture. Keep it out of reach of children.

## 6.3 Cleaning

Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

## 7. TROUBLESHOOTING

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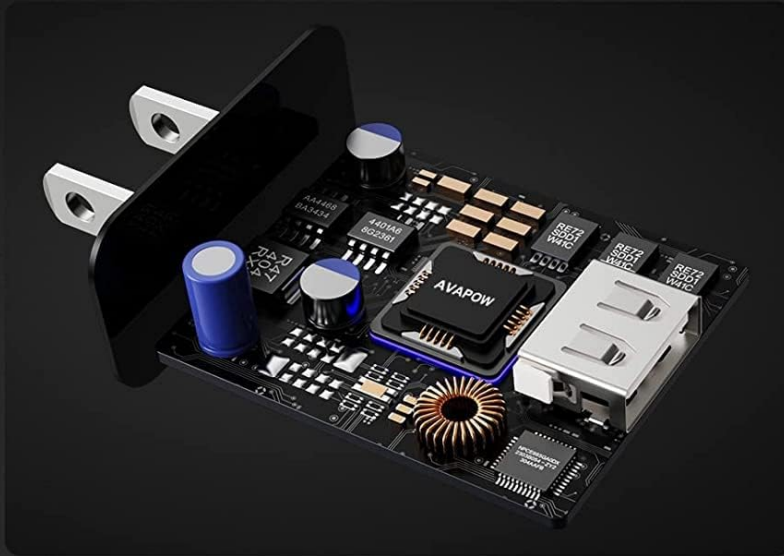
- **Unit not turning on:** Ensure the unit is charged. If not, charge it fully using the provided wall charger.
- **Vehicle not starting:**
  - Check that the smart clamps are securely connected to the correct battery terminals (red to positive, black to negative).
  - Observe the smart clamp indicator light. If it's not solid green, re-check connections or use the Force Start Function if necessary.
  - Ensure the vehicle's battery is not completely dead. The jump starter works best with a minimal residual charge.
- **Smart clamp beeping/flashing:** This indicates an incorrect connection (e.g., reverse polarity) or a short circuit. Disconnect immediately and re-connect correctly.

## 8. SPECIFICATIONS

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Parameter	Value
Model	A28
Peak Output Current	3000 Amps
Engine Compatibility	Up to 8.0L Gas / 8.0L Diesel
Jump Starts per Charge	Up to 50
Standby Time	Up to 12 Months
Wall Charger Output	5V/3A, 9V/2A, 12V/1.5A (18W)
Protection Functions	Spark-proof, Over-temperature, Short Circuit, Fire-proof Material

# SAFE AND DURABLE



Fire-proof  
material



Over temperature  
protection



Short circuit  
protection



Image: An illustration of the internal safety features of the AVAPOW charger, including fire-proof material, over-temperature, and short circuit protection, alongside a phone being charged.

# Quick charger 3.0


- ✓ A18 3H 
- ✓ A28 4H 
- ✓ A58 5H 
- ✓ A68 6H 



Image: The AVAPOW Quick Charger 3.0, demonstrating its compatibility and charging efficiency across different AVAPOW jump starter models.

## 9. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the official AVAPOW website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

**AVAPOW Official Website:** [Visit the AVAPOW Store on Amazon](#)