

[manuals.plus](#) /

› [Jomgand](#) /

› [Jomgand JW401 Portable Car Jump Starter User Manual](#)

## Jomgand JW401

# Jomgand JW401 Portable Car Jump Starter User Manual

Model: JW401

2000A Car Battery Charger 22000mAh 12V Lithium Car Battery Booster Pack Portable Jump Starter with Wireless Charger for Up to 8L Gas and 6L Diesel Engines

## INTRODUCTION

The Jomgand JW401 is a powerful and versatile portable jump starter designed to provide reliable power for your vehicle and electronic devices. Equipped with high-rate battery cells, it offers a peak current of 2000A, capable of jump-starting 12-volt automotive batteries up to 8.0L gasoline and 6L diesel engines. Beyond jump-starting, it features convenient wireless charging, multiple USB outputs, and a built-in LED emergency light.



Image: Jomgand JW401 Jump Starter with included smart clamps and USB cable.

## PACKAGE CONTENTS

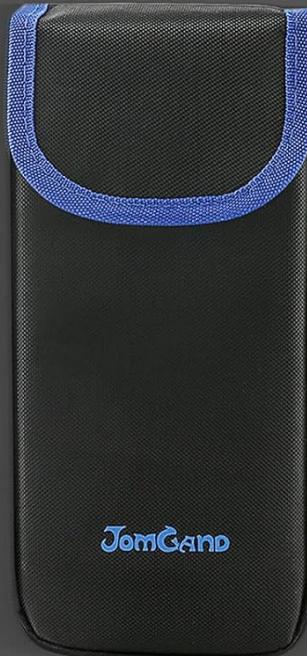
Please check the package contents to ensure all items are present:

- Jomgand portable battery charger (JW401 Jump Starter)
- Smart jumper clamp (1)
- USB to Type-C Cable (1)
- User manual (1)
- Storage box (1)

# WHAT'S IN THE BOX



Jump Starter



EVA Protection Case



User manual



USB to type Cable



Smart Starter cable

Image: All items included in the JomGand JW401 Jump Starter package.

## SETUP AND INITIAL USE

### Charging the Jump Starter

Before first use, fully charge the JW401 jump starter. It features an 18W Type-C input for convenient charging. The informative smart display will show the battery percentage and charging status.

### Attaching Smart Clamps

To prepare for jump-starting, plug the smart jumper clamp cable into the Jump Starter Socket on the device. The smart cable includes an alert buzzer and red light warning system for added safety.

Your browser does not support the video tag.

Video: An overview of the JomGand Jump Starter JW401, including unboxing and initial setup steps.

Your browser does not support the video tag.

Video: Demonstrates the unboxing and setup of the JomGand Jump Starter.

## OPERATION

### Jump Starting a Vehicle

1. Plug the clamp cable into the Jump Starter Socket.
2. Connect the red clamp to the positive (+) terminal of the vehicle battery.
3. Connect the black clamp to the negative (-) terminal of the vehicle battery. The Safety Indicator on the smart clamp will be solid green when ready for jump-starting.
4. Start the vehicle.

# HOW TO USE THE JomGand JUMP STARTER



## STEP1

Plug the clamp cable into the Jump Starter Socket.

## STEP2

Connect the clamps to the vehicle battery.  
Red clamp to positive polarity(+) black clamp to negative polarity(-)The Safety Indicator will be solid green which indicates it is ready for jump-starting.



## STEP 3

Start the vehicle.

Image: Visual guide showing the three steps for using the Jomgand Jump Starter.

Your browser does not support the video tag.

Video: Demonstrates the process of jump-starting a car using the Jomgand Jump Starter.

### Wireless Charging and Power Bank

The JW401 features 10W wireless charging for compatible devices. Simply place your device on the designated wireless charging area. Additionally, it provides USB (5V 2.4A) and Micro USB (5V 2A) outputs, allowing it to serve as a 22,000mAh portable power bank for various electronic devices.

# CONVENIENCE AND SAFETY WIRELESS CHARGING

**UP TO 10W**



Image: The Jomgand JW401 Jump Starter providing wireless charging to a smartphone.

**22000mAh CAPACITY  
10W QUICK**

**QC 3.0**

**USB OUTPUT (5V 2.4A)  
TYPE-C INPUT(5V 3A)  
MICRO USB (5V 2A)**



Image: The Jomgand JW401 Jump Starter highlighting its 22000mAh capacity and multiple output ports.

### **Emergency Light Source**

A built-in LED light offers a reliable emergency light source with three modes: flashlight, strobe, and SOS. This is useful for low-light conditions or signaling for help.

# 300-LUMENS LED FLASHLIGHT



SOS



STEADY  
LIGHT



STROBE



## EMERGENCY LIGHTING



## CAMPING



## SOS LIGHTING



Image: The Jomgand JW401 Jump Starter demonstrating its 300-lumen LED flashlight with SOS, steady, and strobe modes.

## SAFETY FEATURES

The JW401 is equipped with smart and safety features to protect against common electrical issues:

- Overcurrent protection
- Short-circuit protection
- Spark protection
- Reverse polarity protection

The heavy-duty jumper clamp cable includes an alert buzzer and red light warning system for added safety during usage.

# SAFETY CABLE PROTECTIONS

It will sound an alarm to remind you,  
when there is a safety issue with the clamp



Image: The Jomgand JW401 Jump Starter highlighting its safety cable protections, including an alarm for safety issues with the clamp.

## SPECIFICATIONS

Feature	Specification
Model	JW401
Brand	Jomgand
Peak Current	2000 Amps
Battery Capacity	22000mAh
Engine Compatibility	Up to 8.0L Gas and 6L Diesel Engines
Input (Type-C)	18W
Wireless Charging Output	10W

USB Output	5V 2.4A
Micro USB Output	5V 2A
Operating Temperature	-4°F to 131°F (-20°C to 55°C)
Item Weight	1.07 Pounds
Product Dimensions	8.75"D x 21.25"W x 3.85"H

## MAINTENANCE

To ensure the longevity and optimal performance of your Jomgand JW401 jump starter, follow these maintenance guidelines:

- **Regular Charging:** Recharge the unit periodically, even when not in use, to maintain battery health. Store it with a charge level above 50% if possible.
- **Storage:** Store the jump starter in a cool, dry place, away from direct sunlight and extreme temperatures. The unit is designed to work in extreme temperatures (-4°F to 131°F), but prolonged exposure to such conditions during storage can affect battery life.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive materials.
- **Inspect Clamps:** Periodically inspect the smart jumper clamps for any signs of damage, corrosion, or wear. Ensure connections are clean and secure.

## TROUBLESHOOTING

If you encounter issues with your Jomgand JW401 jump starter, consider the following common solutions:

- **Unit Not Turning On:** Ensure the unit is charged. Press and hold the power button for a few seconds.
- **Vehicle Not Starting:**
  - Check that the smart clamps are securely connected to the correct battery terminals (red to positive, black to negative).
  - Verify the jump starter has sufficient charge (check the display).
  - Listen for the alert buzzer or check for red light warnings on the smart clamp, indicating a safety issue (e.g., reverse polarity, short-circuit). Correct any detected issues.
  - Ensure the vehicle's battery is 12-volt and within the jump starter's engine compatibility range (up to 8.0L gas, 6L diesel).
- **Wireless Charging Not Working:** Ensure your device is Qi-compatible and properly aligned on the wireless charging pad. Remove any thick cases that might interfere.
- **USB Charging Not Working:** Try a different USB cable or device to rule out cable/device issues. Ensure the jump starter is powered on.

If problems persist, refer to the warranty and support information below.

## WARRANTY AND SUPPORT

The Jomgand JW401 portable battery charger comes with a 1-Year Warranty. Jomgand also offers 24 months of hassle-free warranty and lifetime technical support. For any questions or assistance, please contact Jomgand customer service.

