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› FNNEMGE FG602 Car Jump Starter 6000A Peak, 26800mAh Capacity User Manual

FNNEMGE FG602

FNNEMGE FG602 Car Jump Starter User Manual

Model: FG602 | Capacity: 26800mAh | Peak Current: 6000A

1. PRODUCT OVERVIEW

The FNNEMGE FG602 Car Jump Starter is a portable, high-capacity device designed to jump start 12V vehicles, including those with all gas engines and diesel engines up to 10.0L. It features a 26800mAh battery capacity and a 6000A peak current. Beyond jump starting, it functions as a power bank with USB Quick Charge 3.0, 10W wireless charging, and an EC-5 DC 12V output. It also includes an emergency LED flashlight with multiple modes and a built-in compass.

POWERFUL JUMP STARTER

Can jump start all **12V** vehicle batteries



Image: The FNNEMGE FG602 Car Jump Starter is capable of starting various 12V vehicles, including SUVs, saloon cars, motorcycles, trucks, and other types, supporting both gas and up to 10.0L diesel engines.

2. SAFETY INFORMATION

Please read and understand all safety information before using this product. Failure to follow these instructions may result in electric shock, explosion, fire, or serious injury.

- Do not immerse the product in water or expose it to rain.
- Do not open or disassemble the product. There are no user-serviceable parts inside.
- Keep out of reach of children.
- Do not use the product if the cables or clamps are damaged.
- Ensure proper polarity when connecting to a vehicle battery (Red to positive, Black to negative). Incorrect connection can cause damage.
- Avoid short-circuiting the jump starter clamps.
- Do not store the product in direct sunlight or in environments with high temperatures.
- Charge the jump starter at least once every three months to maintain battery health, even if not in use.

- Before jump starting, ensure the jump starter is charged above 50%.



Image: The upgraded safety jump cable includes multiple protection features such as reverse polarity protection, short circuit protection, high temperature protection, overcurrent protection, low temperature protection, and low voltage protection.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- FNNEMGE Car Jump Starter Unit
- Smart Jumper Cable with Clamps
- Type-C Cable
- USB Cable
- EC-5 Cigarette Lighter Adapter
- Storage Bag
- User Manual



Image: The package includes the jump starter unit, smart jumper cables, Type-C cable, USB cable, EC-5 cigarette lighter adapter,

and a storage bag.

4. PRODUCT FEATURES AND COMPONENTS

Familiarize yourself with the different parts of your FNNEMGE FG602 Car Jump Starter:

- **Wireless Charging Pad:** For compatible smartphones.
- **ON/OFF Button:** Powers the device on or off.
- **Charging Indicator Screen:** Displays battery level and charging status.
- **Compass:** Integrated for navigation assistance.
- **Jump Starting Port:** For connecting the smart jumper cables.
- **EC-5 DC 12V Output Port:** For powering 12V automotive accessories.
- **Output 1 (QC 3.0):** USB Quick Charge 3.0 port.
- **Output 2 (QC 2.0):** Standard USB output port.
- **Type-C Input:** For charging the jump starter unit.
- **Flashlight:** Multi-mode LED light.

PRODUCT DETAIL



Image: This diagram highlights key components including the wireless charging area, ON/OFF button, charging indicator screen, compass, jump starting port, EC5 DC 12V output port, QC 3.0 and QC 2.0 USB outputs, Type-C input, and flashlight.

5. CHARGING THE JUMP STARTER (SETUP)

Before first use, fully charge the jump starter. It is recommended to charge the unit every 3 months to maintain optimal battery performance.

1. Connect the provided Type-C cable to the Type-C input port on the jump starter.
2. Connect the other end of the Type-C cable to a suitable USB wall adapter (not included) or a car charger.
3. The charging indicator screen will display the charging progress. The unit is fully charged when the screen shows 100%.

6. OPERATING INSTRUCTIONS

6.1. Jump Starting a Vehicle

Ensure the jump starter is charged above 50% before attempting to jump start a vehicle.

1. **Connect the Smart Jumper Cable:** Insert the blue plug of the smart jumper cable into the jump starting port on the FNNEMGE FG602 unit. Ensure a firm connection.
2. **Attach Clamps to Battery:** Connect the red positive (+) clamp to the positive terminal of the vehicle battery. Connect the black negative (-) clamp to the negative terminal of the vehicle battery.
3. **Check Indicator:** The indicator light on the smart jumper cable should turn solid green, indicating a correct and safe connection. If it flashes or shows red, check connections and refer to troubleshooting.
4. **Start the Vehicle:** Once the indicator is solid green, start your vehicle.
5. **Remove Clamps:** After the vehicle starts, immediately remove the smart jumper cable from the vehicle battery, then disconnect the cable from the jump starter unit.



Image: Insert the smart jumper cable into the jump starter's port.



Image: Connect the red clamp to the positive (+) terminal and the black clamp to the negative (-) terminal of the vehicle battery.



Image: After successful connection, start the vehicle engine.

6.2. Using the Wireless Charger

The FNNEMGE FG602 features a 10W wireless charging function for compatible devices.

1. Turn on the jump starter unit using the ON/OFF button.
2. Place your wireless charging compatible smartphone or device on the designated wireless charging pad on the jump starter.
3. Ensure the device is centered on the pad for optimal charging. The charging indicator screen may show a wireless charging icon.

WIRELESS CHARGING

Intelligent Recognition Function For Device, Smart Charging.



10w wireless charger



QC 3.0



Type-C



26800mAh



Image: A smartphone is placed on the FNNEMGE jump starter's wireless charging pad, indicating active charging.

6.3. Using the USB Quick Charge Ports

Use the USB output ports to charge your electronic devices.

1. Turn on the jump starter unit.
2. Connect your device's USB charging cable to either the QC 3.0 (Output 1) or QC 2.0 (Output 2) port on the jump starter.
3. Connect the other end of the cable to your electronic device. The jump starter will begin charging your device.

26800MAH POWERBANK

Quick-Charger 3.0 & TYP C Connection

75% faster than a standard charge



Image: The FNNEMGE jump starter is shown connected via USB cables to charge both a tablet and a smartphone, demonstrating its power bank functionality.

6.4. Using the EC-5 DC 12V Output

The EC-5 DC 12V output port allows you to power 12V automotive accessories.

1. Turn on the jump starter unit.
2. Connect the EC-5 cigarette lighter adapter to the EC-5 DC 12V output port on the jump starter.
3. Plug your 12V automotive accessory (e.g., car vacuum cleaner, air compressor, car refrigerator) into the cigarette lighter adapter.



Image: The FNNEMGE jump starter is depicted powering a tire inflator, a portable car refrigerator, and a car vacuum cleaner using its EC-5 DC 12V output.

6.5. Using the LED Flashlight

The built-in LED flashlight has multiple modes for various situations.

1. Turn on the jump starter unit.
2. Press and hold the flashlight button (usually the power button or a dedicated button) to turn on the LED light.
3. Press the button repeatedly to cycle through the modes: Flashlight (steady light), Strobe, SOS, and Red/Blue Warning (if applicable).
4. Press and hold the button again to turn off the flashlight.

EMERGENCY SITUATION USE



LED Hlight



SOS



Strobe



Image: A person uses the FNNEMGE jump starter's LED flashlight to illuminate an engine bay during an emergency situation.

7. MAINTENANCE AND STORAGE

- **Regular Charging:** To prolong battery life, charge the jump starter at least once every month, especially if it has not been used for an extended period.
- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the jump starter in a cool, dry place away from direct sunlight, moisture, and extreme temperatures. Use the provided storage bag for protection.
- **Cable Care:** Inspect the smart jumper cables and clamps for any damage before each use. Replace if frayed or broken.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Jump starter does not turn on.	Battery is completely discharged.	Charge the jump starter fully.
Vehicle does not start after connecting.	<ol style="list-style-type: none"> 1. Jump starter battery too low. 2. Incorrect cable connection. 3. Vehicle battery is severely damaged. 4. Vehicle issue unrelated to battery. 	<ol style="list-style-type: none"> 1. Ensure jump starter is above 50% charge. 2. Recheck positive (+) and negative (-) connections. Ensure smart cable indicator is solid green. 3. Consult a mechanic. 4. Consult a mechanic.
Smart jumper cable indicator flashes or shows red.	<ol style="list-style-type: none"> 1. Reverse polarity. 2. Short circuit. 3. Overcurrent/Overvoltage. 	<ol style="list-style-type: none"> 1. Disconnect and re-connect clamps with correct polarity. 2. Check for any metal contact between clamps. 3. Disconnect and allow unit to cool. Ensure vehicle is within supported engine size.
Wireless charging not working.	<ol style="list-style-type: none"> 1. Device not compatible. 2. Device not properly aligned. 3. Jump starter not powered on. 	<ol style="list-style-type: none"> 1. Ensure your device supports 10W wireless charging. 2. Re-position device on the charging pad. 3. Turn on the jump starter.

9. SPECIFICATIONS

Feature	Detail
Model	FG602
Battery Capacity	26800mAh
Peak Output Current	6000 Amps
Start Current	3500 Amps
Vehicle Service Type	Passenger Car, Truck, Motorcycle, Watercraft, Lawn Mower, Snowmobile
Engine Compatibility	Up to All Gas, 10.0L Diesel Engine
USB Output 1	Quick Charge 3.0
USB Output 2	Quick Charge 2.0
Wireless Charging	10W
DC Output	EC-5 DC 12V
LED Light Modes	Flashlight, Strobe, SOS, Red/Blue Warning

Feature	Detail
Dimensions	25D x 14W x 10H Centimeters
Item Weight	0.45 Kilograms (450 g)
Battery Cell Composition	Lithium Polymer
Country of Origin	China

10. WARRANTY AND SUPPORT

FNNEMGE provides a warranty for this product. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact FNNEMGE customer support.

If you encounter any issues or have questions regarding your FNNEMGE FG602 Car Jump Starter, please contact our customer service team for assistance. Contact information can typically be found in the product packaging or on the official FNNEMGE website.