

REXING®

Jump Starter Users Manual

Models: RJ2000 / RJ3000 / RJ4000

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www.rexingusa.com

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1. Overview

Thank you for choosing **Rexing!**

We hope you love your new products as much as we do. If you need any assistance, or have any suggestions to help us improve, please contact us.



care@rexingusa.com



(877) 740-8004

Our support team will respond to you as soon as possible.
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Product Support



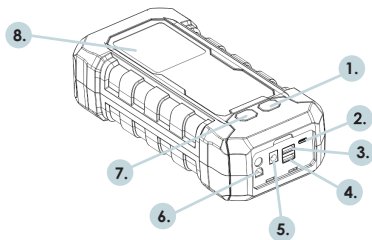
2. What's in the Box



1. Jump Starter (Model varies: RJ2000 / RJ3000 / RJ4000)
2. Battery Clamps
3. USB-C to USB-A Cable
4. USB-C to USB-C Cable
5. User Manual
6. Safety Guide
7. Carry Pouch

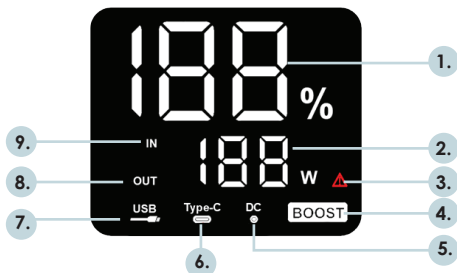
Model Name	Battery Capacity	Peak Current
RJ2000	16000mAh	2200A
RJ3000	20000mAh	3000A
RJ4000	24000mAh	4000A

3. Product Overview



No.	Function	Description
1	ON/OFF Button (Multifunctional)	<ul style="list-style-type: none">Press the button to see the remaining capacity.Long press the button to turn on/off the flashlight.
2	USB C Input & Output (PD65W)	<ul style="list-style-type: none">Use USB-A to USB-C to charge the jump starter;Use USB-C to USB-C to fast charge your devices (PD 65W supported).
3	USB Output Port 1 (QC 3.0)	Fast charge compatible devices (QC 3.0).
4	USB Output Port 2 (QC 3.0)	Fast charge compatible devices (QC 3.0).
5	DC Output Port	Power other devices via cigarette lighter adapter.
6	EC5 Port	Plug in jumper cable to jump start your vehicle.
7	BOOST Button	Press before jump starting the car in low-voltage situations.
8	LCD Screen	Displays battery status, charging info, and jump start readiness.

3.1 LCD Display Description



1. **Battery Percentage**
Shows remaining battery capacity and charging status.
2. **Power Indicator**
Displays current power input/output in watts (W).
3. **Warning Icon**
Appears when the device encounters an error or alert.
4. **BOOST Indicator**
Lights up when BOOST mode is active for jump starting.
5. **DC Output Indicator**
On when DC output is in use.
6. **Type-C Indicator**
Shows charging/discharging activity through the USB-C port.
7. **USB Output Indicator**
On when standard USB output is active.
8. **Output Direction Icon**
Indicates power is being discharged.
9. **Input Direction Icon**
Indicates power is being charged into the unit.

4. Getting Started

4.1 Charging the product

1. Connect the jump starter to a power source using the included USB-C cable.
2. Press the ON/OFF button to activate the display. The battery percentage and charging power will appear. Once fully charged, the display will turn off automatically.
3. Unplug the cable once charging is complete.



Note:

- Please fully charge the jump starter before first use.
- Only use the provided USB-C cable for charging.
- Wall adapter is not included in the package.

4.2 Power Bank

1. Connect the jump starter to your phone, tablet, laptop, or other devices using a USB cable.
2. For laptop charging, use the appropriate USB-C cable.
3. Press the ON/OFF button to activate the display.
4. Unplug the cable when no longer in use.

4.3 LED Flashlight

Press and hold the ON/OFF button for 3 seconds to turn on the flashlight. Short press to cycle through Solid, SOS, Flash, and Off modes.

4.4 Jump Start Your Car



Note:

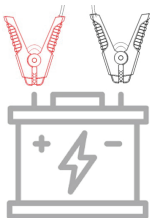
- This product is for 12V vehicles only (supports all petrol engines and diesel engines up to 10.0L).
- Ensure the battery level is above 50% before jump-starting your vehicle.

Step 1:

Firmly insert the clamp plug into the EC5 port of the jump starter.

Step 2:

Connect the red clamp to the positive terminal (+) of the car battery, and the black clamp to the negative terminal (-).

**Step 3:**

The screen will display "BOOST" once the clamps are connected properly.

**Step 4:**

Start your vehicle.

**Note:**

- If any of the following situations occurs, the jump starter will emit an alarm and automatically activate protection mode.

5. Troubleshooting

Error Mode	Situation & Solution
Buzzer alarm + "9"	Reverse polarity. Check and correct the clamp connection to the positive (+) and negative (-) terminals of the car battery.
Buzzer alarm + "8"	Temperature out of range. Let the unit return to a safe operating temperature (-4°F to 140°F).
Buzzer alarm + "7"	Overcurrent protection. Stop attempting to start the car. The unit will exit safe mode automatically after 30 seconds.
Buzzer alarm + "6"	Too many start attempts. If the car is started more than 4 times within 10 minutes, the unit enters safe mode. Wait 10 minutes to reset.
Buzzer alarm + "5"	Short circuit detected. Check that the clamps are not connected to each other or to the same piece of metal.
Buzzer alarm + "4"	Battery voltage too high. If the external battery voltage exceeds the jump starter's, disconnect the unit immediately.
Buzzer alarm + "3"	Battery too low. The jump starter doesn't have enough power to start the car. Recharge it as soon as possible to prevent battery damage.

6. Specifications

Model	RJ2000	RJ3000	RJ4000
Capacity	16000mAh / 59.2Wh	20000mAh / 74Wh	24000mAh / 88.8Wh
Type C input (PD65W)	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A
Type C Output (PD65W)	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A
USB output 1	5V/3A, 9V/2A, 12V/1.5A	5V/3A, 9V/2A, 12V/1.5A	5V/3A, 9V/2A, 12V/1.5A
USB output 2	5V/3A, 9V/2A, 12V/1.5A	5V/3A, 9V/2A, 12V/1.5A	5V/3A, 9V/2A, 12V/1.5A
Start current	1000A (last for 1s)	2000A (last for 1s)	1500A (last for 1s)
Peak current	2200A (last for 0.2s)	3000A (last for 0.2s)	4000A (last for 0.2s)
Short circuit protection	Effective	Effective	Effective
Over-discharge protection	13v±0.3v)	13v±0.3v)	13v±0.3v)
Over-temp protection	>149°F ± 9°F (65°C ± 5°C)	>149°F ± 9°F (65°C ± 5°C)	>149°F ± 9°F (65°C ± 5°C)
Reverse polarity protection	Effective	Effective	Effective
Dimensions (L*W*H)	232*108*56mm	232*108*56mm	232*108*56mm

7. FAQ

Q: How to turn off the product?

A: The product will automatically power off when no load is detected or charging is complete.

Q: How long does it take to fully charge the jump starter?

A: About 3.5 hours with a PD65W adapter via the USB-C input port.
About 12 hours with a standard adapter via the USB-C input port.

Q: How many times can this product start a vehicle on a full charge?

A: Up to 20 times, depending on the engine size and battery condition.

Q: How many times can this product fully charge my phone?

A: It depends on your phone's battery capacity. For example, an iPhone 14 can be fully charged about 6 to 7 times.

Q: What is the storage temperature range for this product?

A: The jump starter contains a lithium polymer battery and should be stored between

-4°F to 140°F (-20°C to 60°C).

Avoid exposing the device to extreme heat, such as leaving it in a hot car, as this can cause battery swelling or damage.

Q: How do I know if the jump starter is properly connected to the vehicle?

A: Connect the clamps to the car battery.

Press the BOOST button.

If the BOOST icon appears on the screen, the connection is correct.

If a reverse connection warning appears, switch the clamp positions immediately.

Warranty & Support

Warranty

The Rexing Jump Starter comes with a full 12-month warranty. If you register your product on our official site (<https://www.rexingusa.com/support/registration>), you can extend the warranty to 18 months.

Support

If you have any questions regarding your product, please do not hesitate to contact us at care@rexingusa.com, or call us at (877) 740-8004. Queries are typically answered within 12-24 hours.

Your opinion matters

Rexing is firmly committed to always improving our products, services, and user experience. If you have any thoughts on how we can do even better, we welcome your constructive feedback and suggestions.

Connect with us today at care@rexingusa.com

Thank you for choosing Rexing!

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

WARNING: Do not use this product to jump-start vehicles that exceed the recommended engine size. Improper use may result in damage, fire, or injury. Always read the user manual before use.

CAUTION: This product contains a lithium-ion battery. Do not disassemble, puncture, crush, or expose to fire or water.

This product is not a toy. Keep out of reach of children.

The manufacturer assumes no responsibility for damage caused by improper use or failure to follow instructions in the manual.

REXING®



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