

REXING®

2 IN 1

Jump Starter

Tire Inflator

Users Manual

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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.
Always a surprise in Rexing.

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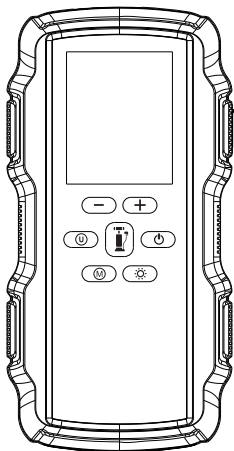


 **Product Support**

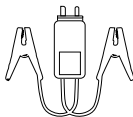


2. What's in the Box

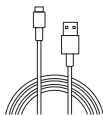
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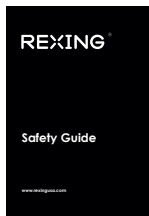
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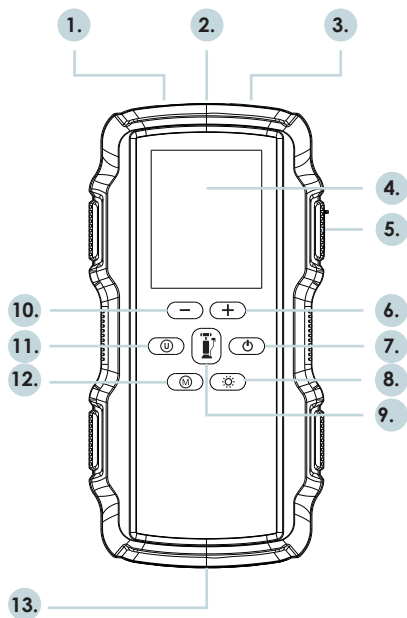


- | | |
|--|-------------------|
| 1. RJ21 2-in-1 Main Unit
(Jump Starter / Tire Inflator) | 5. Air Nozzles ×4 |
| 2. Intelligent Battery Clamps (1 Set) | 6. User Manual |
| 3. USB-C Charging Cable ×1 | 7. Safety Guide |
| 4. Air Hose ×1 | |

RJ21 is a powerful 2-in-1 tool designed for emergency and everyday use:

- **Jump Starter:** Connect the EC5 port to the smart battery clamps to safely jump-start your car in seconds, with up to 2000A peak current.
- **Tire Inflator:** Use the air hose and inflation port to inflate car tires, bicycle tires, or sports balls—up to 150 PSI.

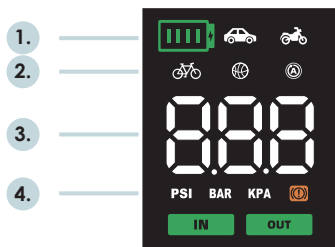
3. Product Overview



- 1. USB-A 5V/2A Output
- 2. USB-C 5V/2A Input
- 3. Air Outlet
- 4. LCD Display
- 5. Jump Cable Socket
- 6. Pressure Increase
- 7. Power Button

- 8. LED Light
- 9. Inflator Button
- 10. Pressure Decrease
- 11. Unit Value Conversion
- 12. Setting Button
- 13. LED Flashlight

3.1 Display



- 1. Battery Level
- 2. Inflation Mode
- 3. Current / Preset Tire Pressure
- 4. Tire Pressure Unit

4. Function Details

4.1 150 PSI AIR COMPRESSOR

Built-in 150 PSI air pump, it supports 5 inflation modes:  car inflation mode,  motorcycle inflation mode,  bicycle inflation mode,  basketball inflation mode,  custom inflation mode; 3 kinds of unit switching, PSI, BAR, KPA.

Inflation Modes	Pressure Range
Car Inflation Mode	26-51 PSI, 1.8-3.5 BAR. 180-350 KPA
Motorcycle Inflation Modes	26-44 PSI, 1.8-3.0 BAR. 180-300 KPA
Bicycle Inflation Modes	30-65 PSI, 2.0-4.0 BAR. 210-450 KPA
Basketball Inflation Modes	4-16 PSI, 0.27-1.1 BAR. 25-110 KPA
Custom Inflation Modes	0-150 PSI, 0-10.3 BAR. 20-999 KPA

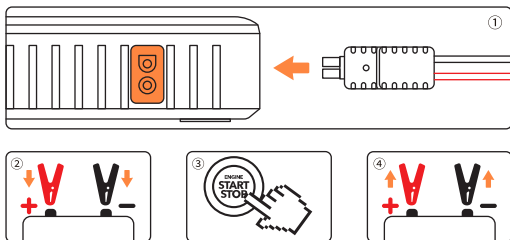
4.2 How To Inflate Car Tires

1. Take out the device and connect the air hose and tighten it, short press the ON/OFF  button to turn on the device, short press the Air Pump Button  to enter the inflation mode.
2. Press the Mode Switching Button  to select the inflation mode, press the Unit Switching Button  to switch 3 kinds of unit, press the "+" button / "-" button to adjust the air pressure value.
3. Long press the Air Pump Button  for 3S to start inflation.
4. It will automatically stop inflating when the Air Pump Button  is pressed briefly or when the air pressure preset value is reached. Press Air Pump Button  to exit the inflation mode.

4.3 How To Start Your Car

1. Insert the plug of the smart clamp completely into the jump starter, the indicator light of the smart clamp will flash red and green alternately.

2. Correctly clip the red and black clamps to the electrodes of the car battery (red to positive and black to negative). If the indicator light on the smart clamp is green and always on, you can proceed to the next step.
If the indicator light is red and always on, the following two scenarios are possible:
 - The battery clip may be reversed. If so, disconnect and reconnect correctly;
 - Inadequate contact between clamp and electrode, please adjust the smart clamps to maximize contact with the vehicle battery terminals.
3. Start the vehicle within 30 seconds.
4. When the vehicle is started, remove the jumper cable from the car battery immediately.



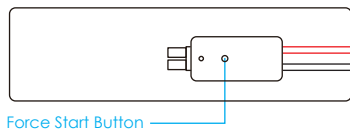
Note:

1. This product is only suitable for 12V cars.
2. Check to make sure (the product is more than 50% charged) before using it to start your car.
3. If it does not start successfully, please wait for 30 seconds and then repeat the above steps.
4. Please complete the car ignition within 30 seconds, otherwise the smart clip will enter the startup timeout protection mode.
5. When using this product, please do not connect two clips together. Otherwise, this product will be damaged.

4.4 How To Force Start Your Car

In step 2 of the above normal startup, if the smart clip indicator does not turn green, but remains flashing red and green alternately, the Forced Start function can be used at this time.

Force Start Step: when the indicator light is flashing red and green alternately, long press the button on the back of the smart clip for 3 seconds, the indicator light will change to green, please complete the car ignition operation within 30 seconds. Remove the clip immediately after successfully starting the car.



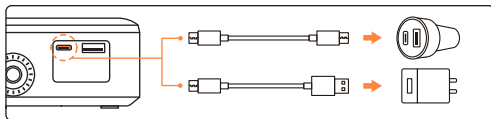
Note:

1. When the red light of the smart clip is always on, the forced start function can not be accessed.
2. Do not connect the red and black clips together after entering the forced start function, otherwise the product will be damaged.

4.5 Error Message On Screen/ Cause/ Solution

Error Message On Screen	Cause	Error Solution
	USB discharge over current	Turn off the output and wait for the fault to be cleared --Reinsert to restore
	USB discharge short circuit	Turn off the output and wait for the fault to be cleared --Reinsert to restore
	Sensor not detected	The air pump is running and the air pressure value is always displayed as 0 --Contact customer service to provide a video for troubleshooting
	Charge and Discharge High Temperature Protection	Alarm disappears when temperature is released (Charging temperature: 0~50°C / 0~122°F, Discharging temperature: -20~60°C / -4~140°F)
	High temperature protection for inflating	Take a 10-minute break before re-inflating

4.6 Recharge

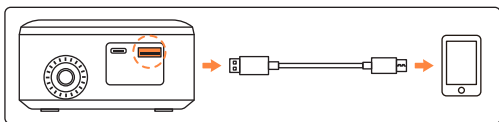


1. Connect the car jump starter and power supply via USB C cable.
2. Short press the ON/OFF button to turn on the product. When charging, the battery percentage and battery icon are displayed. When the battery is fully charged, the screen turns off.
3. When charging is not needed, unplug the data cable.

Note:

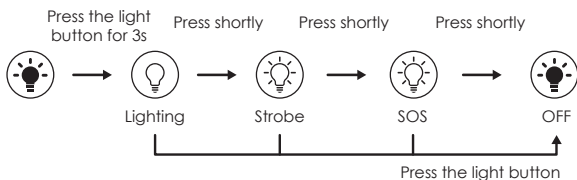
Low battery: When the battery level is less than 10%, the battery symbol flashes. Click the ON/OFF button to turn on the display. The battery level number flashes, indicating that charging is required.

4.7 Charge Other USB Devices



1. Connect the product to your iPhone, smartphone or other electronic device via a USB cable.
2. Press the power button to turn on the product to display the power level.
3. Unplug the data cable when charging is not required.

4.8 LED Lighting



5. Specification

Model	RJ21
Capacity	7200mAh/26.6Wh
USB-C Input	5V/2A
USB-C Output	5V/2A
Rated Pressure	150PSI

6. Precaution

1. This product is only for 12V lead acid/AGM/Gel batteries/vehicles only.
2. Do not use the product with less than 10% power as this will damage the product.
3. After starting the car, please wait at least 30 minutes before recharging the product.
4. An interval of 60 seconds is recommended between multiple attempts to start the car, otherwise the product will overheat.
5. Recharge the product every 3 months to prolong the lifespan.

7. Maintenance

1. Do not use the product to start an already damaged car battery.
2. Please store the product in a cool, well-ventilated place and keep it away from children and pets.
3. Do not place the product in a high temperature environment for a long time. The operation temperature of this product is -4~140°F. The storage temperature of the product should not exceed 122°F.
4. Do not connect the red and black clamps together when the product is outputting.
5. Do not connect the red and black clamps to the same piece of metal.
6. Do not disassemble or modify the product.
7. Do not use detergent to clean the product.
8. Please hold the product carefully and gently so as to avoid dropping or hitting it repeatedly.

Warranty & Support

Warranty

The Rexing RJ21 2-in-1 Jump Starter | Tire Inflator 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.

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