Green Lion

Power Station RG-2400

SKU: GNRG2400PSGY

Model No: RG-2400

# Table of Contents

Safety Precautions

Please read the user manual carefully before using this product. Ensure that you follow all instructions:

1. When children are using the product, please ensure they have close supervision to minimize risks.

2. Using non-recommended products or accessories will increase the risk of electric shock.

3. Always use the product in a well-ventilated environment.

4. Keep the product in a dry and ventilated place to prevent moisture and electrical shock.

5. Be sure to remove the power plug when the product is not in use.

6. Do not expose the product to fire or excessive temperatures. It may explode if the temperature exceeds 130°C.

7. Do not disassemble the product. Doing so may cause fire, explosion, injury, and other unpredictable risks.

8. Do not use the product with damaged wires, plugs, or output cables. It may cause an electric shock.
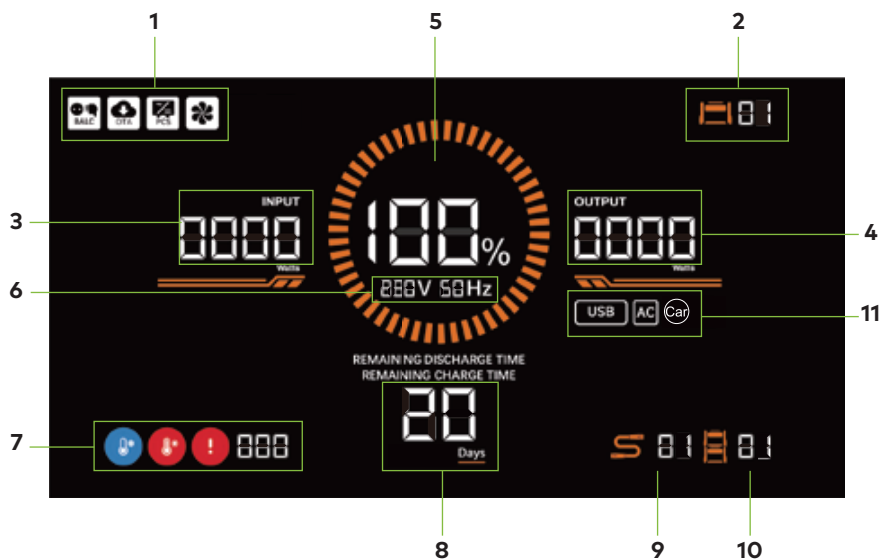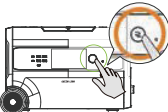
Overview
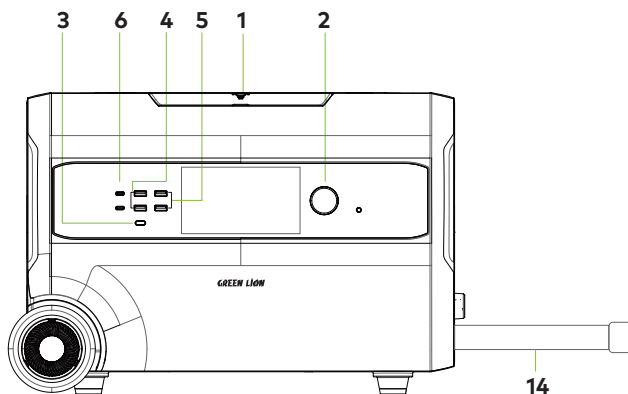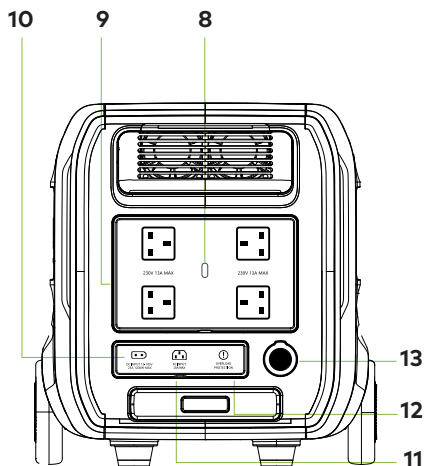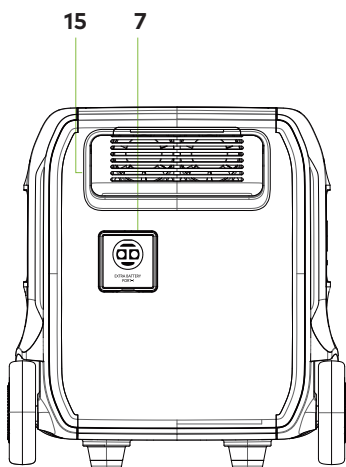
1. LED Lighting
2. Main Power Switch ON/OFF
3. DC and USB Output Switch ON/OFF
4. USB-A to USB-C DC 28W
5. USB-A to DC 12W
6. USB-C to DC 100W
7. DC Parallel Connection Port PORT-1
8. AC Output Socket Switch ON/OFF
9. AC Output Socket
10. DC Input 105-12V 25A 1200W MAX
11. AC Input 15W MAX
12. Overload Protection
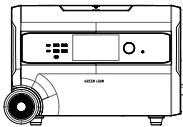13. Cigarette Lighter Output Port
14. Pull Rod

LCD Function
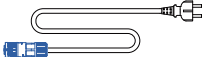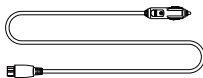
1. **Status Prompt Identification**
2. RG-2400 Parallel Status Identification and RG-2400 Code
3. **Charging Power**
4. **Discharging Power**
5. **Percentage of Remaining Battery Capacity**
6. **AC Output Voltage and Frequency**
7. **Abnormal State Identification**
8. **Charge/Discharge Remaining Time**
9. **Parallel Connection Quantity:** The maximum quantity is 8 units
10. **Parallel Available Quantity:** The maximum quantity is 8 units
11. **Output Switch Status Identification**

RG-2400 Button Introduction

Button	Action	Function
	Press and hold 1.5 seconds until hearing the 'beep'	Turn on the RG-2400
	When the 'DC and USB output switch', 'AC output socket switch' and 'grid-connection mode switch' are off and the RG-2400 is not charging, press and hold 3 seconds until hearing the 'beep'	Turn off the RG-2400
	When the RG-2400 is not charging, press and hold 10 seconds until hearing three 'beeps'	Force turn off the RG-2400

Package Contents

power station	AC Charging Cable / AC on-grid cable 1.5 m	XT60F Car Charging Cable 1.6 m

Specifications

Model No.	RG-2400
Material	ABS+PC+UL94 V0
Wheels	4.75" Rubber

Retractable Length	Up to 52 cm
Battery	LiFePO4
Capacity	2400Wh / 48V / 50000mAh
AC Wall Charging	1800W Max (<1.5 Hrs)
Solar Charging	XT60 PV 1200W Max (2–4 Hrs)
4*AC Output	230V~50Hz 2400W Max
Car Socket Output	12V 10A (120W Max)
USB-C2 Output	5V-9V-12V-15V/3A, 20V/5A (PD100W)
USB-A1 Output	5V/3A, 9V/3A, 12V/2.4A (QC28W)
USB-A2 Output	5V/3A, 9V/3A, 12V/2.4A (QC28W)
USB-A3 Output	5V/2.4A (12W Max)
USB-A4 Output	5V/2.4A (12W Max)
Total Output	2780W Max
Extra Battery Port	Up to 19.2kWh
LED Light Power	6W
Light Modes	Steady
Product Weight	29 kg
Product Dimensions	503*323*344 mm

Frequently Asked Questions

Q: What is the maximum PV input power that RG-2400 can support?
A: The RG-2400 supports a maximum of 1200W PV input power.
Q: What solar panels should I choose?
A: It is recommended to choose a photovoltaic panel with an MC4 connector. Please ensure that the open circuit voltage after the photovoltaic panel combination does not exceed 150V, and the maximum current does not exceed 25A.

Instructions

Plug in your device and press the button you wish to use.
When the port icon appears on the LCD screen, the output port will turn on for charging your device.
The continuous AC output port can only charge power devices that operate at less than 2400 Watts. Once this limit is exceeded, the product will shut off automatically.
The AC port output will be turned off automatically after 45 minutes when the power being drawn is under 10W, to save power.
If the product is not used for a long period, it should be recharged every 3 months and kept at a power level of 60%- 80%. Please store it in a cool and dry place

Note

Press the AC button to turn off the output to save power when the AC power port is not in use.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

Warranty

This **Green Lion** product comes with a 12-month warranty when purchased from our website, official store, or approved sellers.

To extend the warranty, please visit **https://www.greenlion.net/warranty** and fill out the form with your product details. Make sure to upload a clear picture of the product.

After we review and approve your request, you will receive a confirmation email stating that your product's warranty has been extended.

For more info, please check:

https://www.greenlion.net/warranty

Contact Us

If you have any questions about this Privacy Policy, please contact us at:
Website: **https://www.greenlion.net/**
Sales: **sales@greenlion.net**
Service Support: **Support@greenlion.net**
Telegram: **@greenlion_global**
Instagram: **@greenlion_global**