ZeroKor R100

ZeroKor Portable Power Station R100 User Manual

Model: R100

Product Overview

The ZeroKor Portable Power Station R100 is a versatile and compact power solution designed for both indoor and outdoor use. With its robust features and multiple output options, it ensures your essential devices remain powered wherever you are.



Figure 1: ZeroKor Portable Power Station R100 - Front View

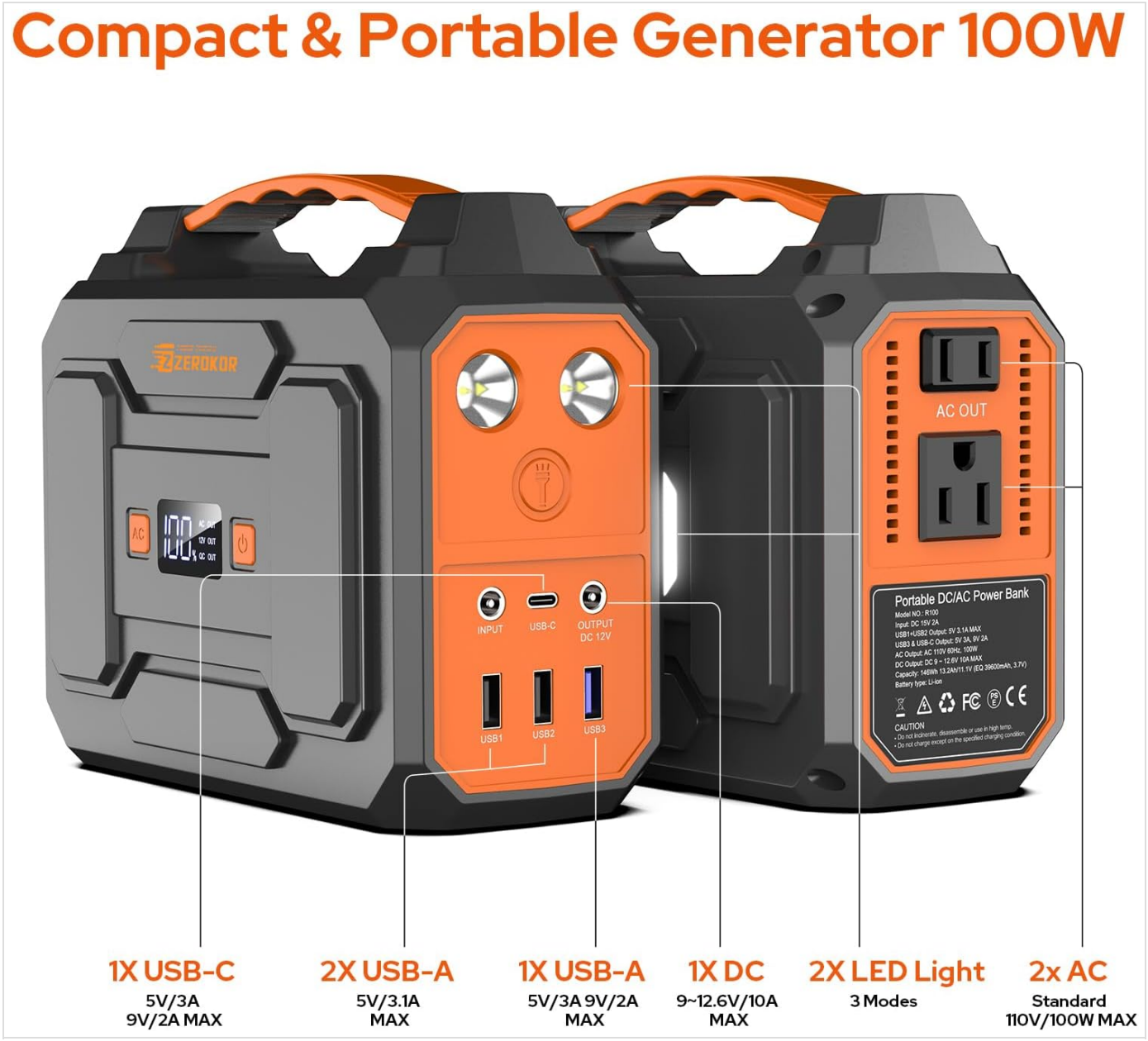


Figure 2: ZeroKor Portable Power Station R100 - Labeled Ports and Features

Setup Guide

Before first use, ensure your power station is fully charged. The unit can be charged via wall adapter, car charging cable, or a compatible solar panel.

Initial Charging (Wall Adapter)

1. Connect the provided AC power adapter to the 'INPUT' port on the power station.
2. Plug the AC adapter into a standard wall outlet (110V).
3. The LCD screen will indicate charging status with a blinking percentage.
4. Charge until the battery indicator shows 100% and stops blinking.

Solar Panel Setup (Solar Panel not included)

For outdoor charging, the ZeroKor R100 is compatible with solar panels. A 40W foldable solar panel is recommended for optimal performance.



Figure 3: Three Ways to Recharge the ZeroKor Power Station

1. Unfold the solar panel and place it in direct sunlight.
2. Connect the solar panel's output cable to the 'INPUT' port on the power station. Ensure the connection is secure.
3. Position the solar panel to receive maximum sunlight. The LCD screen will show charging progress.

Video 1: Official ZeroKor demonstration of solar charging the portable power station.

Operating Instructions

The ZeroKor R100 offers various output options to power your devices.

Powering AC Devices

1. Press the 'AC' button on the power station to activate the AC outlets. The AC indicator on the LCD screen will light

up.

2. Plug your AC device (e.g., laptop charger, small fan) into one of the 110V AC outlets.
3. Ensure your device's power consumption does not exceed 100W.

Video 2: Official ZeroKor demonstration of powering a laptop with the portable power station.

Powering USB and DC Devices

1. Connect your USB device (e.g., smartphone, tablet) to any of the USB-A or USB-C ports.
2. For DC 12V devices, connect them to the DC 12V output port.
3. The power station will automatically detect and begin charging your devices.

Using the LED Flashlight

1. Press the flashlight button (usually marked with a lightbulb icon) to turn on the LED flashlight.
2. Press again to cycle through different modes: steady light, strobe, and SOS.
3. Press and hold to turn off the flashlight.



Figure 4: ZeroKor Power Station's LED Flashlight in use during camping.

Maintenance

- Keep the power station dry and away from moisture.
- Avoid exposing the unit to extreme temperatures (hot or cold).
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasives.
- Store the power station in a cool, dry place when not in use, ideally with a partial charge (50-80%) to prolong battery life.
- Recharge the unit every 3-6 months if not used regularly to prevent deep discharge.

Troubleshooting

Problem	Possible Cause	Solution
Power station not charging	Loose connection; insufficient sunlight (for solar); faulty adapter/cable	Check all connections; ensure direct sunlight; try a different charging method.
Device not powering/charging	Power station off; AC/DC output not activated; device exceeds 100W limit; faulty cable	Press power button; activate AC/DC output; check device wattage; try a different cable.
Overload protection activated	Device connected exceeds 100W	Disconnect the device. The power station will reset automatically. Use devices within the 100W limit.

Specifications

Feature	Detail
Brand	ZeroKor
Model Name	R100 Power Station
Item Model Number	R100
Wattage	100 watts (Max AC Output)
Voltage	110 Volts (AC)
Power Source	AC/DC, USB, Battery-Powered, Solar Powered (Solar panel not included)
Item Weight	3.3 Pounds
Product Dimensions	5.9"L x 4.8"W x 4.9"H
Battery Type	1 Lithium Ion battery (included)
Special Features	Portable, Overload Protection, Short Circuit Protection, 100W Max Portable Solar Generator
Included Components	1*100W Portable Power Station, 1*15V power adapter, 1*Cigarette Lighter Adapter, 1*Car Charging Cable, 1*user manual (Solar panels not included)

Safety Information

The ZeroKor portable power station is equipped with a Built-in Battery Management System (BMS) to ensure safe operation. This system provides:

- Short circuit protection
- Over-current protection
- Over-voltage protection
- Overload protection

- Overheating protection

Always adhere to the specified wattage limits for connected devices to prevent damage to the power station and ensure user safety.



Figure 5: Advanced Battery Management System (BMS) features.



Figure 6: Examples of devices exceeding the 100W limit that should not be used.

Warranty and Customer Support

ZeroKor offers professional customer assistance and 12 months of customer support for your portable power station. For any inquiries or issues, please contact our 7*24 hr customer care service.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

I am trying to shut off my ZeroKor R100 Portable DC/AC Power Bank by holding the button, but it won't turn off and is draining the battery. What can I do?

If your ZeroKor R100 is not shutting off as expected, please try the following troubleshooting steps based on the device's operation logic:Check the AC Output: The R100 often stays active if the AC inverter...

Read full answer