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SinKeu E150

SinKeu Portable Power Station E150 User Manual

Model: E150

1. PRODUCT OVERVIEW

The SinKeu Portable Power Station E150 is a compact and versatile power solution designed for various applications, including home backup, camping, RV trips, and emergency preparedness. It features a durable LiFePO4 battery, multiple output ports, and flexible charging options.



Image: SinKeu Portable Power Station E150 and its dedicated carrying case, positioned on grass with a tent and lake in the background, illustrating its portability for outdoor use.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the SinKeu Portable Power Station E150. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from fire, water, and extreme temperatures.
- Avoid dropping or subjecting the unit to strong impacts.
- Ensure proper ventilation during use and charging.
- Do not insert foreign objects into the ports.
- Keep out of reach of children.
- Do not use the power station to power appliances that exceed its 150W output limit.



Image: Icons of appliances crossed out, indicating they should not be powered by the E150 due to high wattage requirements. These include a kettle, microwave, coffee maker, toaster, mixer, and blender.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- SinKeu Portable Power Station E150
- AC Wall Socket Adapter
- 12V Car Port Cable
- User Manual (this document)
- Carrying Case Bag



Image: The SinKeu Portable Power Station E150, its retail box, AC adapter, and 12V car charging cable laid out on a wooden table in an outdoor setting.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the power station. There are three methods to recharge your E150:

1. **AC Wall Socket:** Connect the included AC adapter to the power station's input port and then to a wall outlet. Charging takes approximately 4 hours.
2. **12V Car Port:** Use the included 12V car port cable to charge the power station from your vehicle's cigarette lighter socket. Charging takes approximately 5-6 hours.
3. **Solar Panel (Not Included):** Connect a compatible 13-23V solar panel (not included) to the power station's input port. Charging time is approximately 4-6 hours under full sun conditions.



Image: A visual representation of the three charging methods: solar panel (not included), wall outlet with AC adapter, and 12V car outlet with car charging cable. A person is shown fishing with the power station in the background.

4.2 Using the Carrying Case

The included carrying case bag is designed to protect your E150 power station from dirt, dust, moisture, scratches, and impacts. It features dual-layer padding for 360° protection and a sturdy metal zipper for easy access.



Image: The carrying case for the SinKeu E150, shown open with the power station inside, highlighting its internal storage and external features like zippers and a D-ring for strap attachment.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press and hold the main power button for a few seconds to turn the unit on or off. The digital display will illuminate, showing battery status and output information.

5.2 Using Output Ports

The E150 offers various output ports to power different devices:

- **AC Output (150W):** Press the AC button to activate the AC outlet. Plug in devices requiring up to 150 watts of AC power.
- **DC Output (11-14.6V/10A MAX):** Press the DC button to activate the DC ports. Connect compatible 12V DC devices.
- **USB-A Output (5V/3.1A MAX):** Plug USB-A compatible devices into these ports for charging.
- **USB-C Output (5V/3A, 9V/2A):** Connect USB-C compatible devices for faster charging.

You can charge multiple devices simultaneously, provided the total power consumption does not exceed the unit's maximum output capacity.

6 OUTLETS TO SPARE

Suitable for Most Electronics



			
ACx1 AC 150W	DCx2 11~14.6V/10A MAX	USB Ax2 5V/3.1A MAX	USB Cx1 5V/3A, 9V/2A

Image: The SinKeu Portable Power Station E150 connected to various devices (lantern, fan, phone) at a campsite, illustrating its multiple output ports including AC, DC, USB-A, and USB-C.

CHARGING SIMULTANEOUSLY

122.8Wh 150W Powerful Companion



Mini fridge(60W)

2+ hrs



Drone(1.2A)

3 times



Camera(0.14A)

20+ times



Lighting(5W)

20+ hrs



Image: The SinKeu Portable Power Station E150 simultaneously charging a mini-fridge, drone, camera, and providing light, demonstrating its multi-device charging capability in an outdoor setting.

5.3 Digital Display

The digital display provides real-time power monitoring, showing battery level, input wattage, and output wattage for AC and DC ports.

5.4 Integrated LED Light

The power station includes an integrated LED light with multiple modes:

- **Lighting:** Standard illumination for general use.
- **Strobe:** Flashing light for signaling or attention.
- **SOS:** International Morse code signal for emergencies.



Image: The SinKeu Portable Power Station E150 with its LED light illuminated, showing the three modes: Lighting, Strobe, and SOS, useful for various situations.

6. MAINTENANCE

6.1 Battery Care

The E150 uses a UL-certified LiFePO4 battery, offering 3,500+ life cycles. To maximize battery lifespan:

- Avoid fully discharging the battery frequently.
- Recharge the unit at least once every 3-6 months if not in regular use.
- Store the unit in a cool, dry place away from direct sunlight.

6.2 Cleaning

Wipe the exterior of the power station with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.

7. TROUBLESHOOTING

The E150 is equipped with a Battery Management System (BMS) and multi-protection features to ensure safety and reliability. If you encounter issues, consider the following:

- **Unit not turning on:** Ensure the battery is charged. Connect to an AC wall outlet for initial charging.
- **No output from ports:** Check if the specific output (AC/DC) is activated. Verify the device connected is within the power station's wattage limits.
- **Overload protection:** If the unit shuts down, it may be due to an overload. Disconnect high-power devices and restart the unit.
- **Overheating:** If the unit feels excessively hot, disconnect all devices and allow it to cool down in a well-ventilated area.
- **Digital display not working:** Try restarting the unit. If the issue persists, contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model	E150
Battery Type	LiFePO4
Capacity	122.8Wh (38,400mAh, 3.2V)
AC Output	150W (Rated)
DC Output	11-14.6V/10A MAX
USB-A Output	5V/3.1A MAX (x2 ports)
USB-C Output	5V/3A, 9V/2A (x1 port)
AC Charging Input	Approx. 4 hours
Car Charging Input	Approx. 5-6 hours
Solar Charging Input	13-23V, Approx. 4-6 hours (full sun, solar panel not included)
Life Cycles	3,500+
Dimensions	7.5 in x 4.5 in x 6.5 in
Weight	4 lbs
Safety Features	BMS, Overloading, Overcharging, Over Discharging, Overheating, Short Circuit Protection



Image: A diagram showing the dimensions (7.5 in length, 4.5 in width, 6.5 in height) and weight (4 lbs) of the SinKeu Portable Power Station E150.

9. WARRANTY AND SUPPORT

Warranty and specific support information are not available in the provided product data. Please refer to the

product packaging or the manufacturer's official website for detailed warranty terms and customer support contact information.
