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Sun Joe 24V-300WI

Sun Joe 24-Volt iON+ Cordless Inverter Generator User Manual

Model: 24V-300WI | Brand: Sun Joe

1. PRODUCT OVERVIEW

The Sun Joe 24-volt iON+ cordless inverter generator power station is a versatile and reliable solution for all your portable power needs. This compact power station is designed to work with the 24-volt IONMAX System batteries (sold separately) and can power up to 300 W of devices. It includes a 2.7-amp AC outlet, USB-A and USB-C ports, and a 10-watt wireless charging pad, ensuring you can charge your personal electronics on the go. It also comes with a built-in 3-watt LED spotlight for added visibility and a 1-watt LED reading light for added convenience.

This power station is perfect for powering your devices anywhere, from camping and tailgating to emergency situations. It allows you to charge up to four 24-volt batteries, laptops, tablets, phones, power tools, gadgets, and more. The multi-port design ensures you can charge multiple devices at once, making it incredibly efficient. The ability to hot-swap batteries ensures continuous power, so you can keep your devices running without interruption. Plus, the gas- and cord-free design ensures no fumes or transportation limitations, providing a convenient alternative to traditional power sources.



Figure 1.1: Front view of the Sun Joe 24-Volt iON+ Cordless Inverter Generator, showcasing its compact design and multiple power ports.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the power station. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not expose the power station to rain or wet conditions. Water entering the power station will increase the risk of electric shock.
- Do not operate the power station in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Use the correct power source for the device. Do not force the power station to operate with an incompatible voltage.
- Avoid accidental starting. Ensure the power switch is in the off-position before connecting to a battery pack, picking up or carrying the power station.
- Store idle power stations out of the reach of children and do not allow persons unfamiliar with the power station or these instructions to operate the power station.

- Maintain the power station. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power station's operation. If damaged, have the power station repaired before use.

3. PACKAGE CONTENTS

Upon unpacking your new 24-Volt iON+ Cordless Inverter Generator, ensure all items are present and in good condition. If any items are missing or damaged, do not operate the unit. Contact your authorized Snow Joe® + Sun Joe® dealer or call the Snow Joe® + Sun Joe® customer service center.

- 24-Volt iON+ Cordless Inverter Generator
- AC Adapter Charger
- Instruction Manual

Note: Batteries are sold separately and are not included in the standard package.

4. SETUP

The Sun Joe 24-Volt iON+ Cordless Inverter Generator is designed for quick and easy setup. Follow these steps to prepare your power station for use:

1. **Charge Batteries:** Ensure your 24-volt IONMAX System batteries (sold separately) are fully charged before first use. Insert them into the designated battery slots on the power station.
2. **Placement:** Place the power station on a stable, flat, and dry surface. Ensure adequate ventilation around the unit.
3. **Initial Power On:** Press the power button to turn on the unit. The display screen will illuminate, showing battery status and output information.

GET CHARGED UP!



24V Cordless POWER STATION

TOOL ONLY

Battery + Charger
Sold Separately



300W OF PORTABLE POWER

Offers up to 300W of
portable power for a
variety of applications



MULTI PURPOSE

Designed as a portable
inverter + charger,
compatible with the 24V
IONMAX System batteries
(batteries sold separately)



PORTABLE

Ideal for emergency
outages, storm
preparation, boating +
tailgating



RECHARGABLE

Includes an AC adapter
charger

Figure 4.1: The Sun Joe power station with 24V IONMAX batteries inserted, ready for operation.

5. OPERATING INSTRUCTIONS

The power station offers multiple output options for various devices:

- **AC Outlet:** Plug in devices requiring up to 300W of AC power into the 2.7-amp AC receptacle.
- **USB Ports:** Use the USB-A and USB-C ports to charge smartphones, tablets, and other USB-powered gadgets.
- **Wireless Charging Pad:** Place compatible devices on the 10-watt wireless charging pad for convenient charging.
- **LED Spotlight:** Activate the built-in 3-watt LED spotlight for illumination in dark environments.
- **LED Reading Light:** Utilize the 1-watt LED reading light for focused illumination.

The power station supports hot-swapping of batteries, allowing for continuous power by replacing depleted batteries with charged ones without interrupting the power supply to connected devices.

GET CHARGED UP!



All-in-One Station

Equipped with an onboard AC outlet, USB-A and -C ports, and a built-in reading light + spotlight for added safety



Wireless Charging Pad

Wirelessly charges mobile devices on the go



Figure 5.1: Demonstrating the wireless charging capability of the power station.

GET CHARGED UP!


SUNJOE



LENGTH

11.5"

29.21 CM

WIDTH

7"

17.78 CM

HEIGHT

10"

25.4 CM

WEIGHT

4.6

LBS.

Figure 5.2: Overview of the power station's dimensions for portability and placement.

GET CHARGED UP!



**KEEP YOUR
LIFE RUNNING
ON THE GO**

Charge up to 4 - IONMAX batteries (sold separately), a laptop, a tablet, an e-reader, and a phone all at once

Figure 5.3: The power station actively charging multiple devices, including a laptop and a smartphone.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Sun Joe power station. Always disconnect the power station from any power source and remove batteries before performing any maintenance.

- **Cleaning:** Use a soft, damp cloth to wipe down the exterior of the power station. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, ensure batteries are partially charged (around 50%) and recharge them every 3-6 months.
- **Battery Care:** Follow the specific care instructions for your 24-volt IONMAX System batteries to maximize their lifespan.

7. TROUBLESHOOTING

If you encounter issues with your Sun Joe power station, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Power station does not turn on.	Batteries are not inserted correctly or are depleted.	Ensure batteries are fully charged and properly seated in their slots.
Devices not charging via AC outlet.	Device wattage exceeds 300W; AC output is off; battery low.	Check device wattage. Ensure AC output is enabled. Recharge batteries.
Wireless charging not working.	Device not Qi-compatible; device misaligned on pad; foreign objects.	Verify device compatibility. Reposition device. Remove any obstructions.
Error code F01 displayed (as per customer review).	Incompatibility or issue with specific battery types/slots (e.g., 12 Amp battery in slot 1).	Try using lower amp-hour batteries (e.g., 2 Amp) in slot 1, or rearrange battery placement. If issue persists, contact customer support.

For further assistance, please contact Sun Joe customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Sun Joe
Model Name	24V-300WI
Power Source	Battery Powered (24-Volt iONMAX System)
Output Wattage	300 Watts (Running), 600 Watts (Starting)
Voltage	24V
Frequency	60 Hz
Total Power Outlets	3 (AC, USB-A, USB-C) + Wireless Charging Pad
LED Spotlight Wattage	3 Watts
LED Reading Light Wattage	1 Watt
Wireless Charging	10 Watts
Included Components	AC adapter charger
Product Dimensions	11.5 x 7 x 10 inches
Item Weight	4.62 Pounds
UPC	842470126114

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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.

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