



CUSTOMER SUPPORT



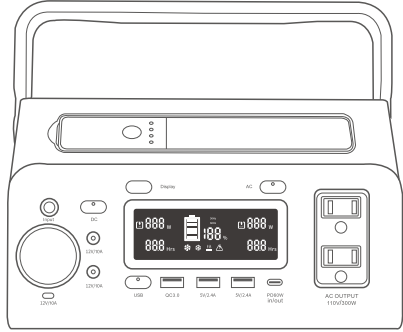
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PORTABLE POWER STATION


Savior 300/Savior C300T



User Manual


Reading this user manual thoroughly before use is a MUST for your safety and the safety of others.

V1.01




IMPORTANT SAFETY INFORMATION


Gearfly power station is designed for supplying power to a piece of equipment that has suitable power requirements. Other uses may result in injury to the operator or damage to the product and other properties. Please make sure anyone who operates the power station reads this manual or receives proper instructions before use.




1. DO NOT let children operate or play with the power station without parental supervision. This is an electric product, not a toy!




2. Keep the power station away from metal objects including coins, keys, hair-pins, etc., to avoid a short circuit.




3. ONLY use the **ORIGINAL** cables and power adapters provided by Gearfly. Accessories from unauthorized stores may cause injury or damage.




4. DO NOT disassemble or repair the product by yourself. Please directly contact Gearfly support if any further assistance is required.




5. NEVER use the power cable or adapter that partly damaged; otherwise, you may get an electric shock when operating.




6. Charge the product at a ventilated place and do not block the air vents.




7. DO NOT dispose of the product in fire, water or other liquids to avoid the risk of explosion. Be sure to obey local recycling ordinance requirements.




8. Use or store the product in a dry place to avoid the high humid condition.




9. DO NOT use the product outdoors when it's raining or snowing, which may lead to the risk of electrical shock.




10. DO NOT place any heavy objects on or allow a strong impact on the product.



11. DO NOT cover the product with cloth, paper or any other materials when the power station is working.


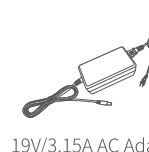




12. DO NOT expose the product to any fire, heat source, direct sunlight or high temperature that exceeds 130°C(266°F), which may result in an explosion.

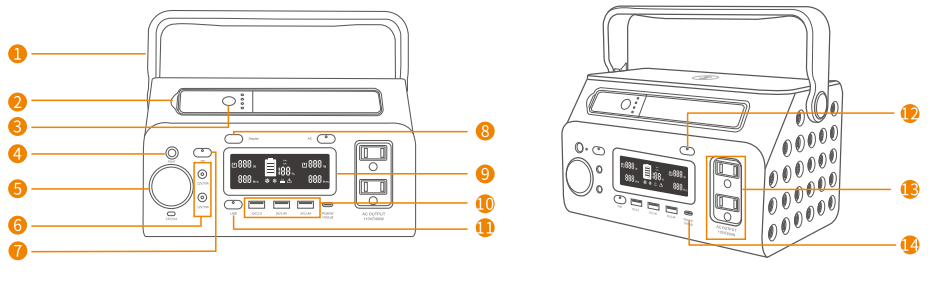


13. We assume no liability or responsibility for any fire, explosion or electrical shock caused by improper operation.

WHAT'S INCLUDED



PRODUCT OVERVIEW



① Handle

② Removable Flashlight

③ Flashlight On/Off Button

④ DC Input

⑤ Car Charger Port

⑥ DC Outputs

⑦ DC Outputs On/Off

⑧ Display Wake-up Button

⑨ LED Display

⑩ USB Outputs

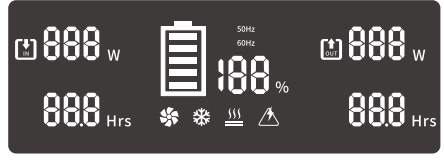
⑪ USB Outputs On/Off








⑫ AC Outputs On/Off


⑬ AC Outputs

⑭ Type-C Input/Output

LED Display




	Battery Status	Flashes continuously when charging or when battery drains to 5%.
	Input Indicator	Appears when the power station is charging.
	Output Indicator	Correspondingly displays DC/AC/USB/Type-C output power when the DC/AC/USB/Type-C Outputs are operating; if multiple Outputs are operating at the same time, it will display the total output power.
	Battery life	Displays the battery life of the power station before it needs to be recharged.
	Frequency of AC Input	Lights up when the AC Outputs On/Off Button is turned on. (Press and hold Display Wake-up Button and AC Outputs On/Off Button together for around 10s to switch between 50Hz and 60Hz.)
	Fan status	Lights up when the fan runs. (When the sum of input power and output power reaches 75W, the fan will automatically run to dissipate the heat.)
	Low Temperature Alert	Lights up when the device's internal temperature is below 0°C/32°F during charge, or lights up when the device's internal temperature is below -10°C/14°F when powering external devices.



High Temperature Alert

Lights up when the device's internal temperature is above 50°C/122°F during charge, or lights up when the device's internal temperature is above 60°C/140°F when powering external devices.



Malfunction Alert

Lights up when a short circuit/overload occurs, or when the device's internal temperature reaches its threshold either when charge or when powering external devices.

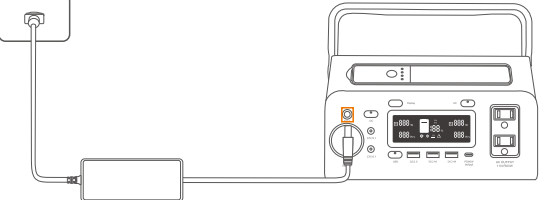
OPERATION GUIDE

Charge

This power station has an internal rechargeable Lithium battery. Please charge this power station at your first use.

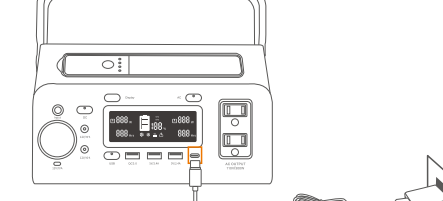
Option 1: Charge with the AC Adapter

Plug one end of the **AC Adapter** provided to any socket, and the other end to the **DC Input** of the power station to charge; it will take 6-8 hours to reach a full charge.



Option 2: Charge with a USB Adapter

Plug one end of a **USB Adapter** to any socket and the other end to the **Type-C Input** port of the power station. It will take around 7 hours to reach a full charge.



Notes:

- You can charge with the **AC Adapter** provided and a **USB Adapter** together to achieve fast charging which will cost only 2 hours to reach a full charge.
- Please do not touch the **AC Adapter/USB Adapter** when charging.
- Please unplug the **AC Adapter/USB Adapter** in time after the charging is complete.




Option 3: Charge with the Car Charger

Plug one end of the **Car Charger** to the **Cigarette Lighter** of your vehicle, and the other end to the **DC Input** of the power station. Start the engine of your vehicle to automatically charge the power station. It will take 7 hours to reach a full charge.

Notes:

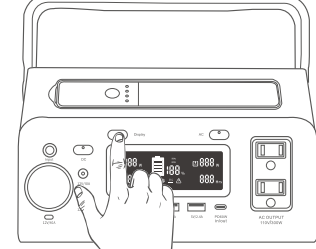
- The charging time varies from different location, temperature and weather etc.
- During charge, please keep your portable power station away from heat and direct sunlight in order to extend its life span.

Charging Status

		
Charging	Fully Charged	Low Battery

LED Display On/Off

- Press the **Display Wake-up Button** to wake up the LED Display, then you can check the battery level and more.
- The LED Display will be off automatically for power saving if there is no external device connected, all Outputs On/Off Buttons are off and there is no operation within 15s.



Connect to External Devices

Important:

- When the battery drains to 5%, the power station will stop its power supply to **AC Outputs**; when the battery drains out, the power station will stop its power supply to **DC Outputs, USB Outputs and Type-C Output**.
- Turn off power supply to each output by manually pressing the **DC Outputs On/Off, AC Outputs On/Off or USB Outputs On/Off Button** for they will not power off automatically; otherwise, they will drain the battery out.

1. DC Output and USB Output

Step 1:

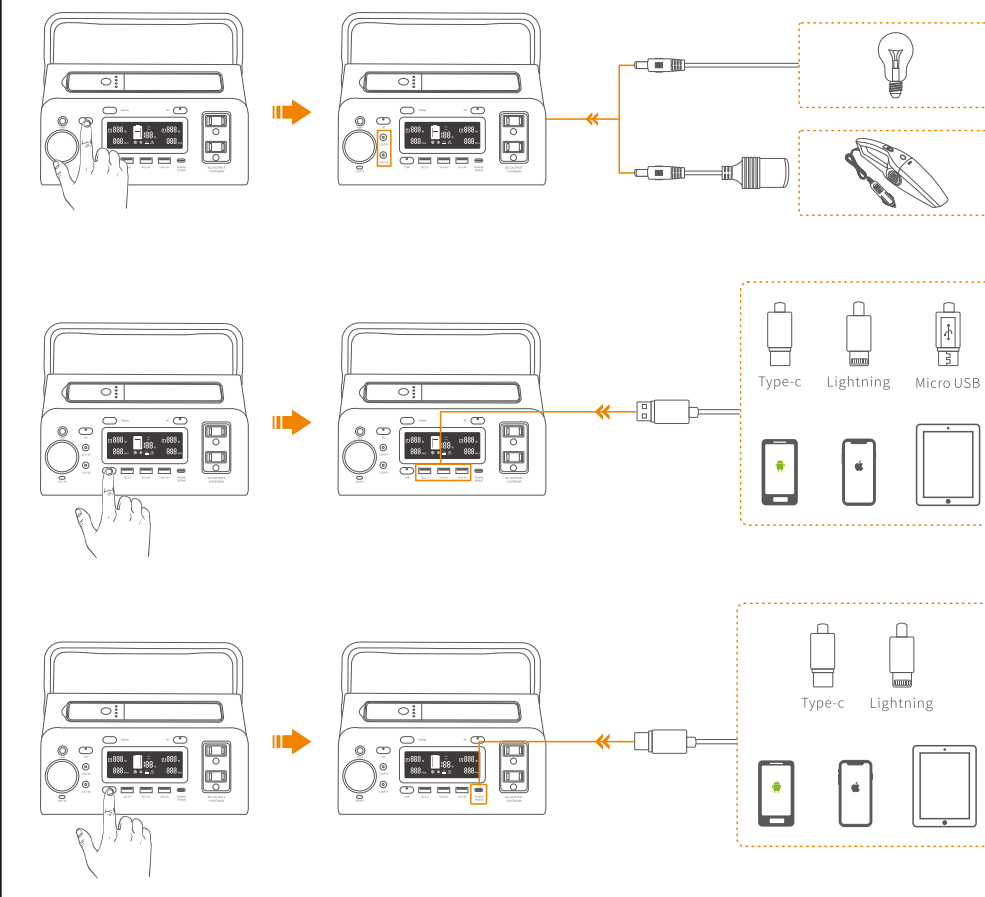
Press the **DC Outputs On/Off Button** to activate power supply to **DC Outputs** or press the **USB Outputs On/Off Button** to activate power supply to **USB Outputs and Type-C Output**.

Notes

When the built-in indicating light of **DC Outputs On/Off Button** or **USB Outputs On/Off Button** lights up and the screen displays corresponding status data, it means the power station is ready to power external devices.

Step 2:

Connect the electronic devices to the power station with the corresponding cables.



2. AC Output

Step 1:

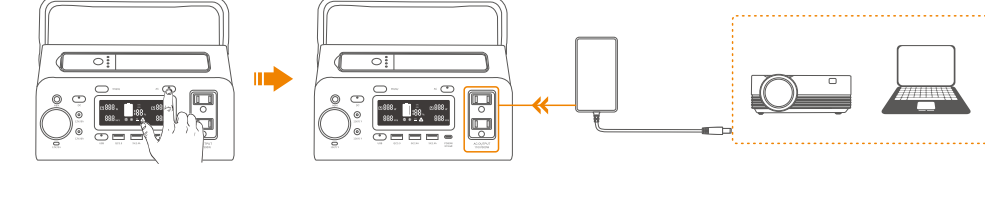
Press the **Outputs On/Off** to activate power supply to **AC Outputs**.

Notes:

When the built-in indicating light of **AC Outputs On/Off Button** lights up and the screen displays the corresponding status data, it means the power station is ready to power the external devices.

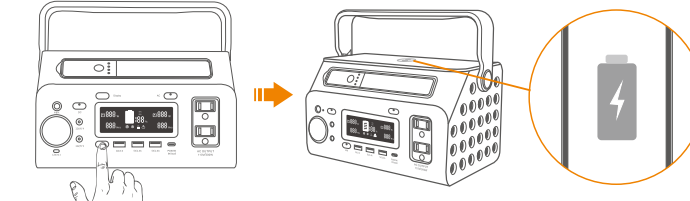
Step 2:

Connect the devices to the power station with the **AC Connector**.



3. Wireless Charging

Press the **USB Output On/Off Button** and the wireless charging will be enabled. Place the device supporting wireless charging on the top of the power station to get it charged.



Tip:

The mobile device should be placed at the center of the wireless charging area; otherwise, it may not be charged.

2. AC Output

Step 1:

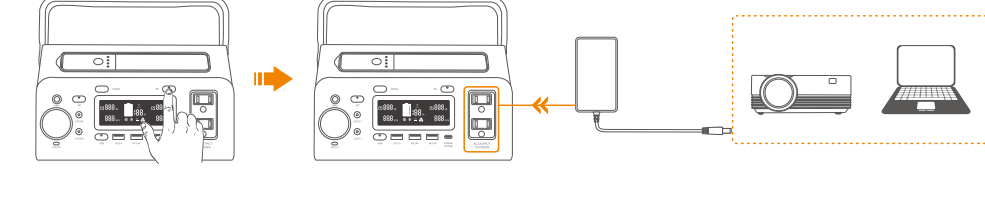
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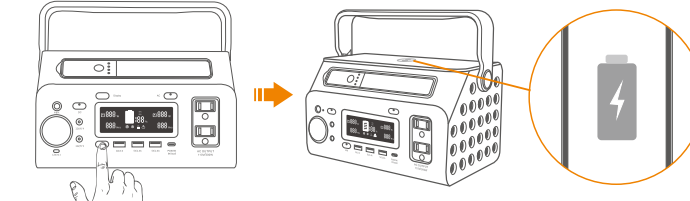
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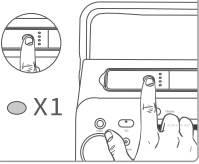
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The mobile device should be placed at the center of the wireless charging area; otherwise, it may not be charged.

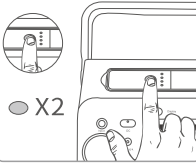
4. Power Supplying (For Reference Only)



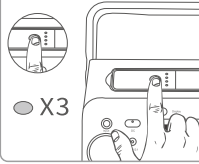
Operate the Flashlight



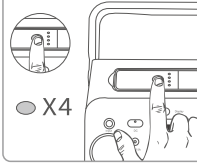
Press the **Flashlight On/Off Button** once to turn on the flashlight.



Pressing the button twice, then the flashlight will flash continuously.



Pressing the button three times, then the flashlight will deliver SOS signal.



Press the button the fourth time to turn off the flashlight.

Note:

NEVER look into the flashlight when it's on to prevent the bright light from hurting your eyes.

SHORT CIRCUIT/OVERLOAD PROTECTION

Short circuit protection is the protection against excessive current beyond the acceptable current rating of the power station and it reacts instantly. As soon as an overcurrent is detected, the power station trips and cuts off the circuit.

Overload protection is the protection against a continuous overcurrent. As soon as a continuous overcurrent is detected, the power station will cut off the circuit as well.

When a short circuit or an overload occurs, please remove the connected equipment and cable as soon as possible to cut off the circuit.

MAINTENANCE AND CARE

1. If the product is not used for a long time, please completely turn off the power station and store it in a dry place.

2. The battery may be affected by low-temperature environments, so it's advised to use the product within the operation temperature. Otherwise the product may not work normally.

3. Make sure the power station can provide enough battery capacity to allow sufficient power supply for outdoor use.

4. Check the power station carefully when it reports high-temperature or a short circuit.

5. ONLY use the inverter from authorized channels.

BATTERY

- A built-in battery is included in the portable power station.
- DO NOT attempt to repair the product by yourself, which might cause overheating, fire or injury.
- DO NOT let the water run into the product or spill any water onto the product.
- The battery in your power station should be serviced or recycled by an authorized service provider, and must be recycled or disposed of separately from household waste.

SPECIFICATION

Power Supply(AC Adapter)	AC 100-240V	Operating Temperature	-10°C-40°C [14°F-104°F]
Charging Voltage	DC 11-28V	Power Input	DC 19V/3.15A
Charging Time (with AC Adapter)	6-8 Hours	Power Output	DC 12V/10A
Cell Type	18650	Total Weight	1600g
Total Capacity	8000mAh/29Wh	Cell Number	32
Lithium Content per Cell	50g	Capacity per Cell	9.25Wh

TROUBLESHOOTING GUIDE

Q1. Why can't I charge my device via the DC Output, USB Outputs or Type-C Output?

- Please make sure to press the **DC Outputs On/Off button** to activate power supply to **DC Outputs** or press the **USB Outputs On/Off Button** to activate power supply to **USB Outputs and Type-C Output**.
- Make sure the power station has enough power.

Q2. Why can't I charge my device via the AC Outputs?

- Please make sure to press the **AC Outputs On/Off button** to activate power supply to **AC Outputs**.
- Make sure the power station has enough power.

Q3. Is this power station allowed in airplanes?

- According to the regulation of the International Civil Aviation Organization, the Lithium-ion battery under 100 Watt-hour is acceptable with carry on ONLY. However, Savior 300/Savior C300T reaches 286 Watt-hour which is forbidden for transport in airplanes.

Q4. Can the power station supply power to external devices when it's charging?

- It's feasible for **DC Outputs, AC Outputs, USB Outputs and Type-C Output**. However, to extend the battery life, it's not recommended to do so.

Q5. What's the specification for a solar panel that is compatible with this power station?

- A solar panel with an 18V/60W and 18V/100W power supply and a 7.9 x 0.9mm DC Connector is recommended to charge Savior 300/Savior C300T.

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:


- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS



RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

This product can be used across EU member states.

The device is low power device, it can meet the requirement of the RF exposure.

EU Compliance Statement: Shenzhen VanTop Technology & Innovation Co., Ltd. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the Directive 2014/53/EU.

A copy of the EU Declaration of Conformity is available online at <https://bdc.vantop.com>.

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