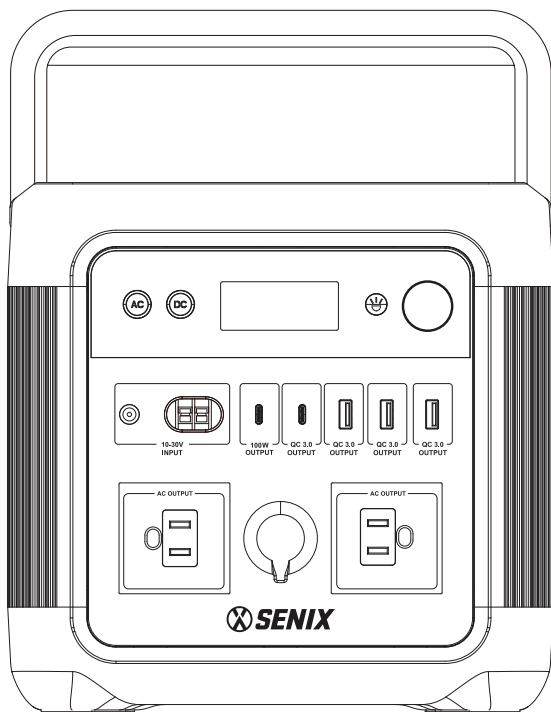




1200W PORTABLE POWER STATION



CAUTION: Before using this tool, please read this manual completely, and follow all operating safety measures.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- WARRANTY

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SAFETY & INTERNATIONAL SYMBOLS

The following table depicts and describes safety symbols that may appear on this product. Read, understand and follow all instructions on the machine before attempting to assemble and operate.



READ THE OPERATOR'S MANUAL(S) - Read, understand and follow all instructions in the user manual(s) before attempting to assemble and operate.



SAFETY ALERT - Indicates a precaution, a warning or a danger.



WARNING! Do not expose the unit to rain or wet conditions. Keep dry.



Always keep the power cable away from heat sources, oils or sharp edges. Immediately remove plug from the mains if the cable is damaged or entangled.



Double insulation.

SAFETY INSTRUCTIONS

ALL OPERATORS MUST READ THESE INSTRUCTIONS BEFORE USE

Any electrical equipment can be dangerous if used incorrectly. Some of the safety precautions given in this manual apply generally to many equipments. Other warnings are specific to the use of this power station. Keep this manual for future reference.

GENERAL SAFETY WARNINGS

You and any other operator of this power station must read, understand and follow these instructions in their entirety, and should reread them. Failure to follow these instructions may result in ELECTRIC SHOCK, FIRE and/or serious PERSONAL INJURY.



Notice the personal safety alert symbol used in this manual to draw your attention to a WARNING given along with the particular operating instruction. This means that the operation requires special ATTENTION, CAUTION, and AWARENESS.



! DANGER!

Non-compliance use may very lead to serious injury or death.

- **DO NOT** disassemble, repair or modify the product or the battery.
- **DO NOT** touch the product or the plug-in points if your hands are wet.
- **DO NOT** connect any metallic objects to the AC input or output.
- **DO NOT** dispose the product together with household waste.
- **DO NOT** use any inappropriate power cords.
- **DO NOT** move the product if it is recharging or in use.
- **DO NOT** put fingers or hands into the product.
- **DO NOT** smoke in vicinity of battery and any spark/flame is also not allowed.
- **DO NOT** place the product close to or in a fire or expose it to heat. Keep out of direct

sunlight.

- **DO NOT** expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- **DO NOT** charge, use or store the product in a bathroom or in an area exposed to rain or moisture. Doing so may cause short-circuits, electric shocks, and/or fire.
- **DO NOT** overload the AC or DC outputs. Please check the specifications of output ports and devices before operation.
- **Please turn off the output ports** when no devices are connected to the product to prevent electric shocks.
- **Only use the output socket to power external devices.** Never connect the output to mains power under any circumstances.
- **DO NOT** rub your eyes or fluid from inside the product should get in your eyes. Please go to the hospital for help.
- **DO NOT** operate the product above the specified input voltage.
- **DO NOT** use the product if it is not functioning correctly.
- **DO NOT** use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may cause unpredictable behavior resulting in fire, explosion or risk of injury.
- **DO NOT** disassemble the product, take it to qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
- **Be extremely cautious to reduce risk of dropping a metal tool onto the battery.** It might spark or short-circuit battery or other electrical part that may cause explosion.



WARNING!

Non-compliance use may lead to serious injury or death.

- **Please turn off the output ports when no devices are connected to the product** to prevent electric shocks.
- **Use and store the power station only in a clean and dry environment.** DO NOT use and store it in dusty and wet environment.
- **Check the product prior to every use.** DO NOT use the product if it is damaged or broken.
- **DO NOT use the product if the power cord is damaged or broken.**
- **Keep the power station away from children or pets.** DO NOT let children use the

power station.

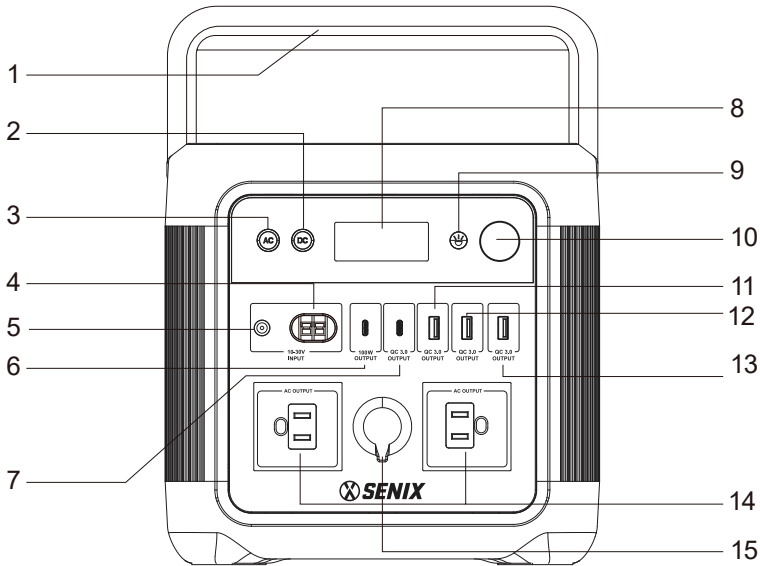
- **DO NOT** use or store the product in an area or environment at high temperature.
- **Should fluid from inside of the product come in contact with your skin or clothing, wash the affected areas with tap water.**
- **DO NOT** place the product on its side or upside down while in use or storage.
- **DO NOT** use accessories for other usages.



CAUTIONS!

- Non-compliance use may lead to injuries and or property damage.
- DO NOT dismantle or modify the product. Doing so may cause irreversible damages to the product and void warranty.
- DO NOT drop or strike the product. Doing so may cause circuit failures and cracks in the casing.
- DO NOT place the product under direct sunlight or place in high-temperature situations. Doing so may cause the product malfunction or component degradation.
- DO NOT expose the product to strong electrostatic fields, strong magnetic fields, and/or radiation.
- Please check the product before each use. Stop using the product immediately if you notice unusual smells, heating, distortion, or any other abnormalities. Then please contact the dealer or our customer service center.
- If you do not need to use the power station to power the CPAP or other device, you can press and hold the AC button or the DC button to manually turn off the power, in order to make the power station more durable. (Please don't press both of the buttons at the same time.)
- Make sure that the product is properly secured when transporting it in a motor vehicle.
- Switch the product off immediately if it accidentally falls, drops, or is exposed to vibrations.
- Carefully read the instructions for the electric devices that you intend to connect to your product.
- Make sure that the device you are connecting is switched off before you connect it.
- Please dispose of the product according to the local recycling and environmental regulations.

KNOW YOUR UNIT



APPLICATIONS

Model: PS1200 (U1000)

As a portable power station, it has no serviceable parts.

1	Handle
2	DC Controller
3	AC Controller
4	Anderson Solar Charge Input
5	DC Input
6	PD Output / USB-C (1) Output
7	USB-C (2) Output
8	LCD Display
9	LED Light Button
10	LED light

11	USB-A (1) Output
12	USB-A (2) Output
13	USB-A (3) Output
14	AC Output
15	Car Charger Output

SPECIFICATIONS

TECHNOLOGY



Pure Sine Wave Inverter provides clean and stable power output, ensuring optimal performance and longevity of your devices.

Model	PS1200
Voltage	120V / 60Hz
Rated Current	AC/DC: 10/10 AMP
Capacity Wh	974.4 Wh (22.4 V / 43 500 mAh)
Continuous Output	1200W
Peak Output	2400W
Battery Type	33138 LFP Lithium-Ion Battery
Battery Lifecycles	1500 cycles ≥ 80%
Battery Capacity	974.4Wh (22.4V/43.5Ah)
Cell	14500mAh
Power Watts	1200W Rated, 2400W Max
DC Input	1*DC & Anderson Support Solar Charge 10-30V 12A Max 240W Max 1*Adaptor DC Charging Input: 10-30V/7A, 210W Max All outlets have the function of charging and discharging at the same time
AC Output	2*AC Outputs 120V/60Hz
USB Output	3* USB-A and 1* USB-C Fast Charges Output, 5-12V 18W Max 1* USB-C PD Port: 5 to 20V, Output 100W Max
Wall Charger	9H (120W)
Car Port Charger	9H (120W) Input 120W Output 120W
Charge Time	DC 120W/9H Full of 85%
Multi - Safety Protection	BMS
Weight	20 lb

OPERATION

POWER BUTTON

AC/DC/LED Light Button: Press and hold (about 2s) to turn on/off.

Please turn off each output by pressing its power button as it does not turn off automatically or it will drain the battery out.

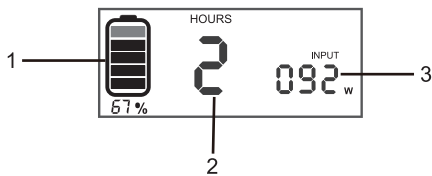
THREE USE MODES OF LED LIGHT

- LED light (100%bright) (Press Light button at least for 2s.)
- LED light (50%bright) (Click on Light button.)
- SOS Mode (Click on Light button.)
Long press the Light button for 2s to turn off the LED Light.

LCD DISPLAY

- Battery level in percentage
- Battery output power in Watt
- Battery input power in Watt
- Charge/discharge remaining time
- Logo of DC, AC, USB-C, USB-A Output
- Frequency display (60Hz)
- Function error

RECHARGE MODE



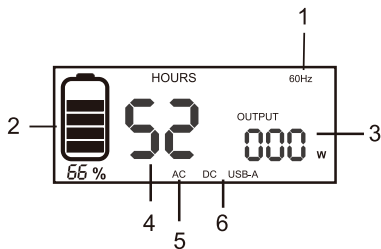
1	Power Level Percentage
2	Around Remaining Recharging Time
3	Input Power Watts



NOTE:

Battery level=100% and the battery is full, stop recharging and LCD turn off. USB-C input and adapter input unplug, No any loading in after 2mins, **sleep mode** on.

DISCHARGE MODE



1	Frequency Display
2	Power Level Percentage
3	Output Power Watts
4	Around Remaining Discharging Time
5	AC Ports: Turn on
6	DC/USB Ports: Turn on

SLEEP MODE: ALL OFF

1. If the USB output is lower than 80mA for 12 hours then the power station will enter the sleep mode
2. If there is no loading after 12 hours, the power station will enter the sleep mode.

INTERNAL FAN

- If the battery input/output power in watt exceeds 100W, the inner fan will start to work automatically.
- The fan will turn on when the internal temperature rises up to 45°C (charging mode). the fan will turn off if the internal temperature down to 40°C (Discharging mode). The fan noise be controller under 60db in 100 cm distance.

RECHARGING (INPUT)



TIPS:

To maximize battery life, be sure to fully recharge the power station before operating or storing.

To shorten the recharge time of power station, it is recommended to disconnect all loads while recharging the unit.

Type of charger	Connection	Hours to charge
AC Wall Charge	Input port	9 hours
Solar panels	Input port (210W) (240W)	6 hours (depending on weather)
Car Charger	Input port	6.5 hours



NOTES:

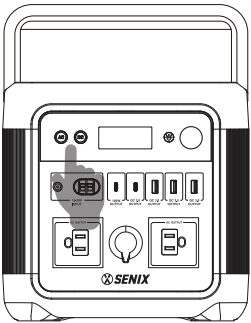
- The above recharge times are based on conditions when the PORTABLE POWER STATION is recharged at full speed with no loads connected to it.
- When you recharge your PORTABLE POWER STATION with a compatible solar panel (not included) on bright sunny days free of scattered clouds, please place the power station in the shade to prevent it from overheating.
- DO NOT use a damaged or frayed charging cable to recharge your PORTABLE POWER STATION.
- Make sure the open circuit voltage of the solar panel does not exceed 30V or fall short of 10V.
- The solar recharge time is highly dependent on solar irradiance and ambient temperature.

BUTTONS

BUTTONS FOR AC OUTPUT, LCD ON/OFF, DC OUTPUT

Press the AC button at least for 2 seconds to turn on / turn off the AC output.

Press the DC button at least for 2 seconds to turn on/ turn off the DC (car charger port) output.

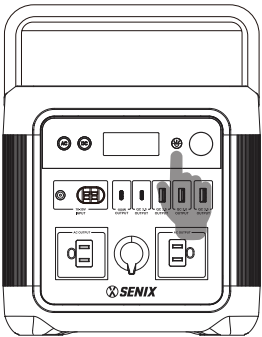


BUTTON FOR LCD THREE MODES

Light (Press the LCD button at least for 2 seconds.) 50% bright (click on the LCD button).

sos (click on the LCD button).

Long (at least for 2 seconds) press button to turn off the LCD. Under the AC outlet mode, press the DC and AC button at the sametime at least.



BATTERY LEVEL

LCD Display for battery level and protection.

Display battery level from 0 to 100 as 0%-100% when input.

Display battery level from 100 to 0 as 100%-0% when output.

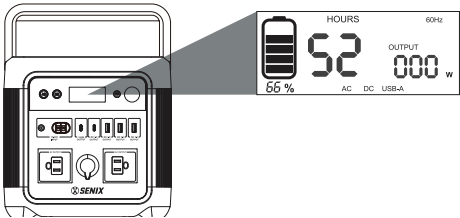
Input display

Input Display: INPUT XXX W.

Output Display: OUTPUT XXXw

When input OTP (Over Temperature Protection): «INPUT Err» flashes.

When output OTP (Over Temperature Protection): «OUTPUT Err» flashes.



OPERATION TIME OF SOME COMMON DEVICES

Out port	Devices	Watts	Hours on use
Car Port	Car Fridge	40W	21 H
	Drone	60Wh	22 Recharges
	Floodlight	4W	200 H
AC Output	12" Laptop	40Wh	22 Recharges
	32" TV	60W	15 H
USB Output	Smart-phone	10Wh	90 Recharges
	Motion Cam	5.9Wh	152 Recharges
	Console	16Wh	56 Recharges

HOW TO CALCULATE OPERATION TIME

- Battery Powered Devices: Number of Full Charges= $974.4\text{Wh} \times 0.90 / \text{The Battery Capacity of Device (Wh)}$
- DC Powered Devices: Working Hours= $974.4\text{Wh} \times 0.90 / \text{The Rated Power of Device (W)}$
- AC Powered Devices: Working Hours= $974.4\text{Wh} \times 0.85 / \text{The Rated Power of Device (W)}$



NOTES:

- The above calculation formula is only applicable to the case that the product is fully charged, and there is no excessive battery loss.
- Actual times of full charges and working hours might be varied by different charging methods and device operation status.

MAINTENANCE

1. To prolong the service life of your power station, keep it away from harsh sunlight, water, dust, and dirt. Do NOT leave your power station outside under harsh environments.
2. If possible, keep your power station connected to a power source when it is not being used and avoid using large loads when the battery level is low.
3. To maintain a healthy battery, please recharge your power station at least once every two months.
4. If you do not intend to use your power station frequently, it is strongly recommended to keep its battery level at around 50% and store it in a clean, dry and well-ventilated environment with temperatures around 77 (25) and a humidity no higher than 75%.
5. Keep your power station away from corrosives, fire, and heat sources.

TRANSPORTATION

1. Only carry by its handle/grip area.
2. Protect from any heavy impact or strong vibrations which may occur during transportation in vehicles.
3. Secure to prevent it from slipping or falling over.

DISPOSAL

Waste products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. Chips or sawdust may be produced by the tool during operation, users should clean these objects to protect the environment.



Electrical products should not be discarded with household products. Used electrical products must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

TROUBLESHOOTING

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.

PROBLEM	POSSIBLE CAUSE	SOLUTION
“INPUT Err” flashes.	DC input interface Over-voltage protection/Under-voltage protection Unsuitable power adapter or power input supply	1.Please use the AC Adapter provided by us to charge the power station. 2.Please use the solar modules with an output voltage of 10-30V.
AC/DC/TYPE-C/ USB Lights on «OUTPUT Err» flashes	Corresponding interface triggers short-circuit protection	1. There is a problem with the output port corresponding to the flashing light. 2. After removing the corresponding device, restart and use the device normally. 3. Check whether the parameters of the electrical equipment are within the energy storage adaptation range.(Check the rated current and rated voltage of the device) 4. Restart and use the device normally. If the device cannot be used normally after reconnecting it, you need to confirm whether there is a problem with the wire or the electrical device has a short circuit. A. When the product is not connected to the device, the output is normal. B. Connect the wire separately, if the product protection is triggered, there is a problem with the wire. C. If the product protection is not triggered by connecting the wire alone, or the protection is triggered by the connecting device, there is a problem with the device.
	Corresponding interface triggers over-current protection	
	AC indicator and output Err flashing at the same time Triggers AC part high temperature protection	
“USB-A/USB-C/DC/AC OCP” “Err” flashes.	USB-A/USB-C/DC/AC is over current.	BMS system will turn off output automatically to protect your power station.
“OUTPUT Err” and “USB-C” flashes.	USB-C output is over power.	BMS system will turn off USB-C output automatically to protect your power station.
«OUTPUT Err» and «AC» flashes.	AC output is over current.	BMS system will turn off AC output automatically to protect your power station.
Why does AC port turn off automatically?	1. AC output power is lower than 7W for 12 hours. 2. Battery level is lower than 1%.	1. Low AC output power 2. Low battery capacity

WARRANTY

SENIX TOOLS LIMITED WARRANTY

FOR TWO YEARS from the date of original purchase this power equipment product is warranted against defects in material or construction.

WITH PROOF OF ORIGINAL PURCHASE a defective product will receive free repair. If the product cannot be repaired it will be replaced free of charge.

For details to obtain warranty coverage, visit www.senixtools.com, email senix.support@yatusa.com, or call 1-800-261-3981.

- This warranty does not cover repairs necessary due to product accident or abuse, or failure to operate or maintain the product according to all supplied instructions.
- This warranty does not cover expendable items that can wear out from normal use within the warranty period, including but not limited to cutting blades and trimmer spool or line.
- This warranty does not apply to damage resulting from repairs to the product made or attempted by other than SENIX authorized agents.
- This warranty does not cover the cost of mailing or transporting the product to receive warranty coverage.
- The warranty is void if the product has been used for commercial, professional, or rental service purposes.
- The warranty applies to the original retail purchaser and is not transferable.
- Proof of purchase is required to obtain warranty coverage.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHERS, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND EXCLUDES ALL INCIDENTAL OR CONSEQUENTIAL DAMAGE.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

60-DAY MONEY-BACK GUARANTEE

If for any reason within 60 days from the date of original purchase you are not completely satisfied with the performance of this SENIX product, you can return it with the original sales receipt for a full refund.

Latin America: This warranty does not apply to products sold in Latin America. For products sold in Latin America, see the country-specific warranty information contained in the packaging, call the retailer from which it was purchased, or visit the website for warranty information.

Free warning label replacement: If your warning labels become illegible or are missing, call 1-800-261-3981 for a free replacement.

REGISTER ONLINE - www.senixtools.com/pages/product-registration

Thank you for your purchase! Register your product now for:

Warranty Service: Registering your product will help you obtain more efficient warranty service in case of a problem with your product.

Confirmation of Ownership: In case of an insurance loss, such as fire, flood, or theft, your ownership registration will serve as proof of purchase.

For your safety: Registering your product will allow us to contact you in the unlikely event a safety notification is required under the Federal Consumer Safety Act.



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