



PRODUCT OPERATION GUIDE

封面

Introduction

Before first unpacking

The service life of this product is 2 years, and its battery is able to support at least 1,000 deep charge and discharge. Before first using this product or if you need to store it for a long time, please fully charge this product. For more tips and tricks to keep your battery healthy, see Precautions for battery.

If you need to store this product for a long time, please fully charge it every 3 months and store it in a cool, dry place. If the above steps are not followed and the battery consequently is damaged, the product warranty will be invalid.

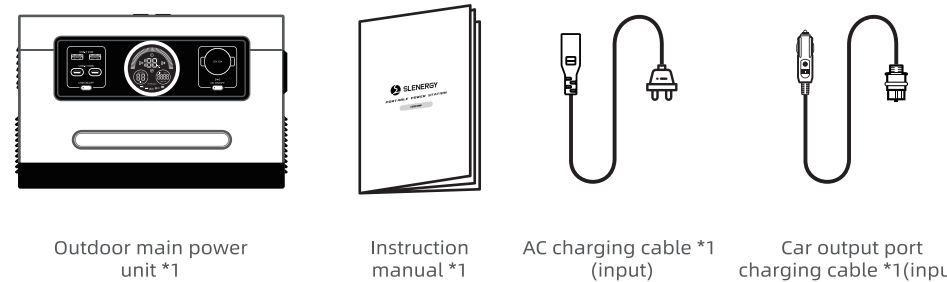
Safety use instructions

- 1·Never allow the product to contact any liquid, and do not immerse the product in water or wet it. Never use the machine in rain or humid environment, otherwise it may cause spontaneous combustion of the battery, or even cause explosion.
- 2·Use of unofficial parts is strictly prohibited. If replacement is needed, please contact the dealer for purchase. Any product incidents or malfunctions caused by the use of unofficial parts resulting in loss, will not be the responsibility of the manufacturer.
- 3·If the temperature is too high (above 60 °C), the battery may catch fire and even explode. If the temperature is too low (below -10 °C), performance of the product will be seriously degraded, or even the requirements of normal use may not be met. The product can be used normally after room temperature is restored.
- 4·Do not use the machine in the environment of strong static electricity or magnetic field, otherwise it may work abnormally. For example, some protective functions of the machine may fail, resulting in a serious failure of the machine.
- 5·Never disassemble or pierce the product with sharp objects in any way. Otherwise, it will cause product failure, fire or even explosion.
- 6·In order to ensure your personal safety, do not use the machine again after it is strongly dropped or is hit by external force.
- 7·If the product accidentally falls into water during use, place it in a safe open area and stay away from the product until it is completely dry. The dried product shall not be used again and shall be disposed of properly in accordance with local regulations. If a fire occurs in the product, it is recommended to use the fire extinguishing equipment as shown in the following order: sand, fire blanket, dry powder extinguishing agent, carbon dioxide extinguisher.
- 8·Do not place the machine in a microwave oven or pressure cooker.
- 9·Do not use wires or other metal objects to cause short circuit of the product.
- 10·Do not impact the machine, and do not place any heavy objects on the machine to cause deformation of the product.
- 11·If there is any dirt on socket of the machine, please use a piece of dry cloth to clean it. Otherwise, it will cause poor contact, resulting in energy loss or failure to charge.
- 12·The product shall be stored in a dry and ventilated place.

Safety use instructions

- 13·In humid environment (e.g. seaside and waterside environment, etc.), it is recommended to use it together with a moisture-proof bag to avoid it being soaked in water. If any water is found inside the product, do not use/turn on the product again, please take anti-electric shock measures before touching the product, immediately put it in a safe and water-proof open area, and immediately contact the local distributor and customer service for treatment.
- 14·It is not recommended to power personal safety-related medical emergency equipment by this product, including but not limited to hospital version CPAP (Continuous Positive Airway Pressure), ECMO (Extracorporeal Membrane Oxygenation), etc. In addition, a home version CPAP is intended for use in a home environment and can be used normally without continuous professional monitoring. Follow your doctor's advice and consult the manufacturer for restrictions on the use of the device. If it is used to power the general medical equipment, be sure to pay attention to the power condition to ensure that the power does not run out.
- 15·Power products will inevitably generate electromagnetic fields during use, which may affect the normal operation of implanted medical devices or personal medical devices, such as pacemaker, implanted cochlear, hearing-aid, defibrillator, etc. If any of these medical devices are used, please consult the manufacturer about the restrictions on their use to ensure that the product is working at a safe distance from implanted medical devices (such as pacemaker, implanted cochlear, hearing-aid, defibrillator, etc.)
- 16·The power source is connected to the load of the refrigerator in the conventional mode, which may automatically shut down the power source due to the fluctuating power properties of the refrigerator. When this power source is connected to the refrigerator used for storing drugs, vaccines or other high-value items, the user shall pay attention to the power on/off state and power loss.

Packing list



Product specifications

Product name: Portable Power Station **Product model:** SL-1000A
Output power: 1200 W **Product volume:** 300.00 × 215.00 × 195.00 mm
Battery capacity: 999 Wh **Noise volume:** 41.0 dB Max
Product weight: ≈10 kg
Working temperature: 0~40 °C (charging)/-10~40 °C (discharging)

Charging mode: Olar & car output port input: XT60 port (200 W max.) and about 6-7 hours for full power.(If the power exceeds 200 W, device protection may be triggered. Please select the product that meets the specifications.)
Mains input: 1 hour to be 80% charged and about 2 hours to be fully charged by the bidirectional inverter AC input.

LED function: Medium lightness - high lightness - SOS - flashing - off (5-mode cycle).

HMI display: Battery power progress bar, battery power percentage, battery alarm, charging/ discharging power, remaining charging/discharging working time, port connection indicator, high/low temperature alarm, overload warning, and fan state.

Car output port power: 132 W output
Wireless charging output: 15 W Max (protocol supported: Qi)
USB-A output*2: 24 W (protocols supported: Apple 2.4 A, OC2.0/3.0, FCP, AFC, DCP, SCP)
USB-C output*2: Single-port 100 W (protocols supported: Apple2.4 A, PPS/PD3.0/PD2.0, QC4+/OC4/QC3.0/QC2.0, AFC, FCP, low-voltage SCP/high-voltage SCP, PE2.0/PE1.1, SFCP)
AC socket output*2: 1200 W (120V pure sine wave output)

Port Input Description

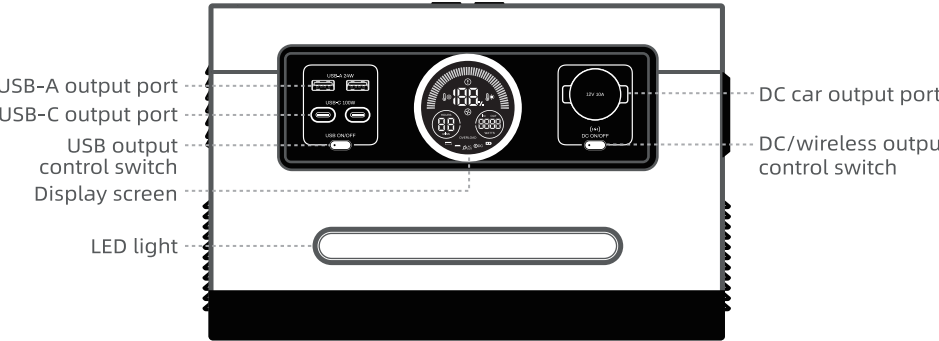
	AC charging port: 120 V single-phase input, L/N two-wire system AC input voltage: 100 V-120 V~, 60 Hz Rated input power: 850 W
	XT60 charging port: DC input Input voltage range: DC 10-24 V(rated: 18 V) Input current range: 12 A Max. (rated: 11 A) Rated input power: rated 200 W

Port Output Description

	AC output port: 120 V single-phase output, L/N two-wire system AC output voltage: 100 V-120 V~, 60 Hz Rated output power: rated 1200 W Output no-load test: After the output power is less than 5 W for 60 min, the AC output is turned off.
	Car charger output port: 12 V DC output Output voltage range: 11.4 V-13.8 V (rated: 12 V) Max. DC current: 10 A Full-load output power: 132 W
	Wireless charging area: 15 W Max Output voltage range: 5 V-12 V Socket protocol supported: Qi
	Type A USB output port: 24 W Max Output voltage range: 4.75 V-5.25 V/8.55 V-9.45 V/ 11.4 V-12.6 V Socket protocols supported: Apple 2.4A, OC2.0/3.0, FCP, AFC, DCP, SCP
	Type C USB output port: 100 W Max (single port independent) Output voltage range: 4.75 V-5.25 V/8.55 V-9.45 V/ 11.4 V-12.6 V/14.25 V-15.75 V/19 V-21 V Socket protocols supported: Support Apple 2.4A, PPS/PD3.0/PD2.0; OC4+/OC4/OC3.0/OC2.0; AFC; FCP; low-voltage SCP/high-voltage SCP; PE2.0/PE1.1; SFCP

Description of product features

Front view

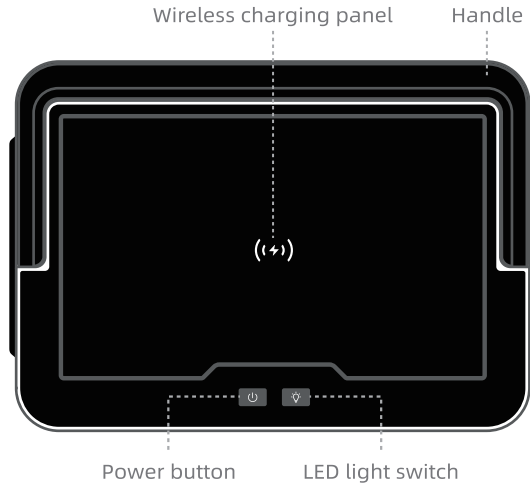


Rear view

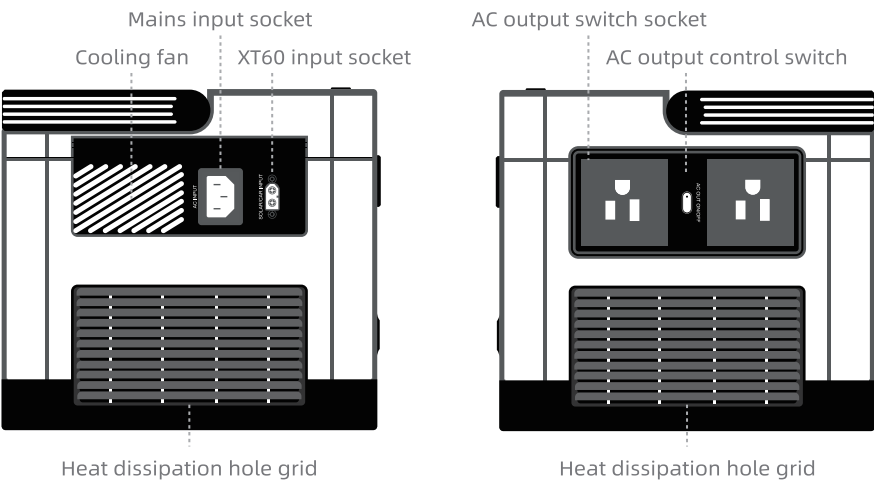


Description of product features

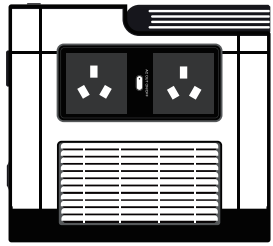
Top view



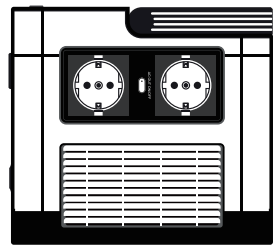
Side view



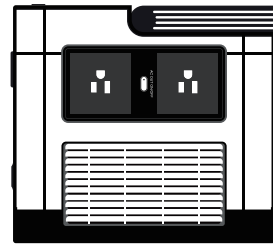
Socket specification description



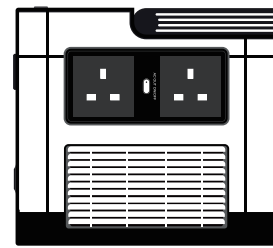
Australia
Suitable for use in most parts of Australia



Europe
Suitable for use in most parts of Europe



Japan/United States
Suitable for use in Japan and the United States



United Kingdom
Suitable for use in the United Kingdom

Note: Please select the socket specifications applicable to your country and region when purchasing.

Key operation

1•Power on/off

When the switch is pressed and held for 3 s in power-off state, the device shall be turned on, the key indicator light shall be on, and the device shall enter the charging and discharging operation at this time.

When the switch is pressed and held for 3 s in power-on state, the device shall be turned off, the indicator light shall be off and discharging output shall be stopped.

Startup diagnosis (automatic operation)

Before this product operates, it will test itself on all links, digital circuits and logic software with preset phasor set, and preset state signals, so as to determine whether this product meets the operating conditions, if not, this product is not allowed to be put into operation. Test items are as follows:

Bus voltage, AC bias voltage, AC current sampling bias voltage, AC voltage effective value, AC current effective value, LLC temperature.

2•AC on/off

Short press once: AC output is enabled, and indicator light of this key is on.

Short press again: AC output is disabled, and indicator light of this key is off.

3•DC on/off

Short press once: DC car charger output port and wireless charging output are enabled, and indicator light of this key is on.

Short press again: DC car charger output port and wireless charging output are disabled, and indicator light of this key is off.

4•USB on/off

Short press once: USB port output is enabled, and indicator light of this key is on.

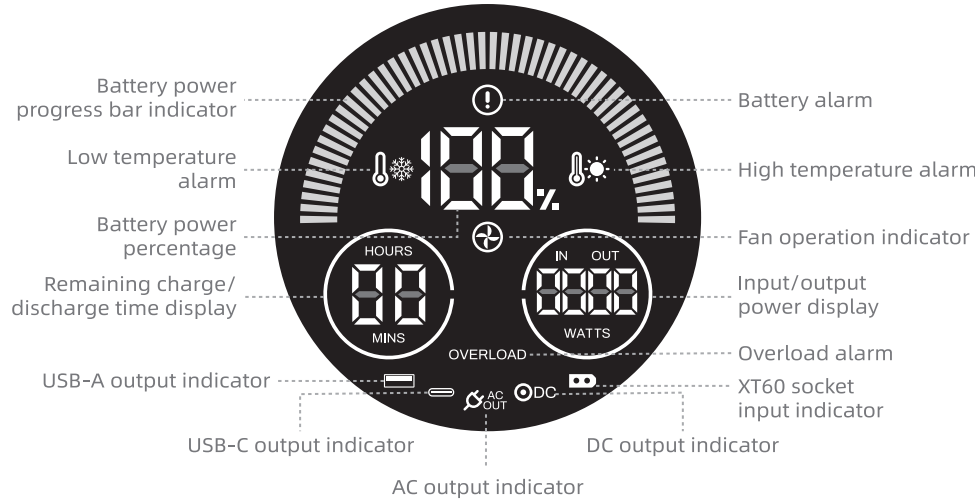
Short press again: USB port output is disabled, and indicator light of this key is off.

5•LED light(ON state of this product)

Short press once: The LED light is on.

When the LED light switch is pressed shortly, the LED light will work in an order of medium brightness - high brightness - SOS - flashing - off.

Display function description



Energy-saving status description

Front panel display sleeping mechanism: If no operation is done within 3 min, the display will be turned off, and you can turn on it again by pressing any button.

AC sleeping mechanism: If the load is continuously below 5 W or no load is detected within 60 min, the load output will be automatically turned off.

DC sleeping mechanism: If the load is continuously below 2 W or no load is detected within 120 min, the load output will be automatically turned off.

USB sleeping mechanism: If the load is continuously below 2 W or no load is detected within 120 min, the load output will be automatically turned off.

General sleeping mechanism: After the outputs are not turned on again within 90 min after being turned off, the product will be automatically powered off.

Display function description

Port indicator description

	USB-A output indicator	This icon will be on when the USB output control switch is turned on.
	USB-C output indicator	This icon will be on when the USB output control switch is turned on.
	AC output indicator	This icon will be on when the AC output control switch is turned on.
	DC output indicator	This icon will be on when the DC/wireless output control switch is turned on.
	XT60 socket input indicator	This icon will be on when the solar panel or car output port is used for input.

* If no power output is detected after connection,check whether the port is improperly connected.

Digital indicator function description

	Battery power progress bar indicator	The battery power progress bar is indicated by a total of 50 segments, each of which indicates 2% of the battery capacity. The progress bar will light up from the first segment to the last segment when charging, and cycle repeatedly; the last segment of the battery power progress bar will flash when discharging.
	Battery power percentage	Percentage of remaining power during charging or discharging.
	Remaining charge/discharge time display	The time required to fully charge during charging, and the service time of remaining power during discharging. When HOURS is on, it indicates the remaining hours. When MINS is on, it indicates that the remaining time is less than 1 hour.
	Input/output power display (power meter)	The current input/output power of the device is displayed. Input state: IN above the digits will blink. Output state: OUT above the digits will be always on. Pass-through charging state: When the input voltage is higher than the output voltage, the letters "IN" will light up; When the output voltage is higher than the input voltage, the letters "OUT" will light up. The power display shows the larger value between the current input and output.