

128g铜板纸 105x148mm 折页 单黑



GP2KW-2560Wh-2.32PV Mini ESS User Manual



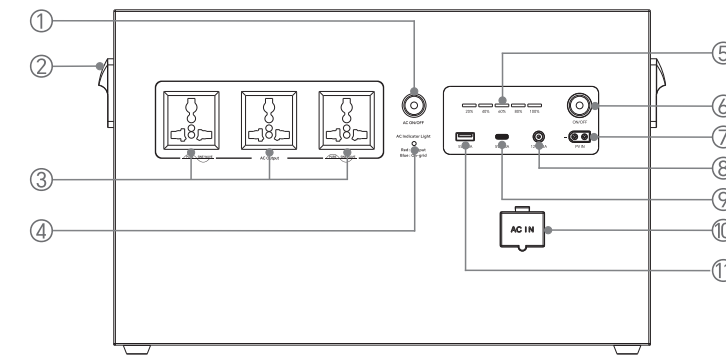
Thank you for choosing our product!

Please read this user manual carefully and follow the instructions to ensure proper operation, helping you quickly become familiar with the product in a more convenient and efficient way.

△ Friendly Reminder

The specifications and images in this manual are for reference only. This product is designed for emergency use only and is not a replacement for standard AC power sources of household appliances or digital devices. AC power sockets and power adapters may vary depending on the customer's region.

Product Overview

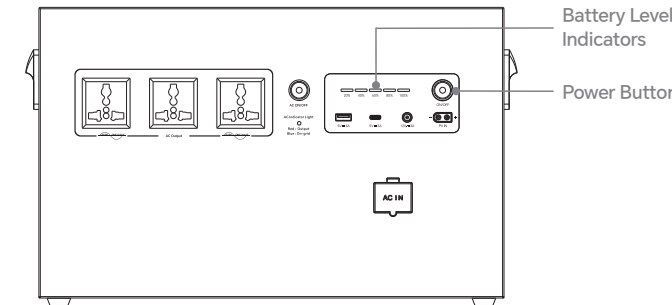


①	AC Power Button	⑦	PV Input Port
②	Carrying Handle	⑧	DC Output Port
③	AC Output Sockets	⑨	USB-C Output Port
④	AC Output Indicator	⑩	AC Input Port
⑤	Battery Level Indicators	⑪	USB-A Output Port
⑥	Power Button		

Usage Instructions

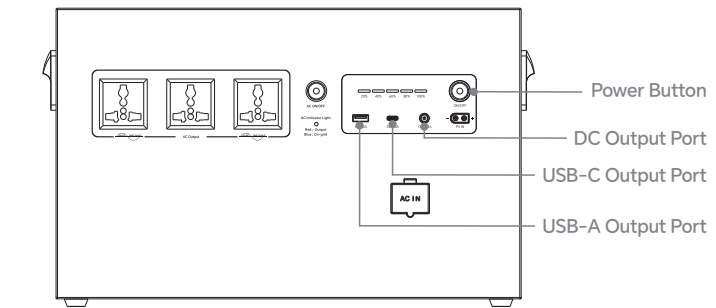
1. Powering On the Product

Press and hold the Power Button for 2 seconds to turn on the product. The LED indicators will light up, showing the current battery level—each LED represents approximately 20% of the total capacity. The fan will perform a self-test and automatically turn off after 3 seconds.



2. Using USB and DC Output

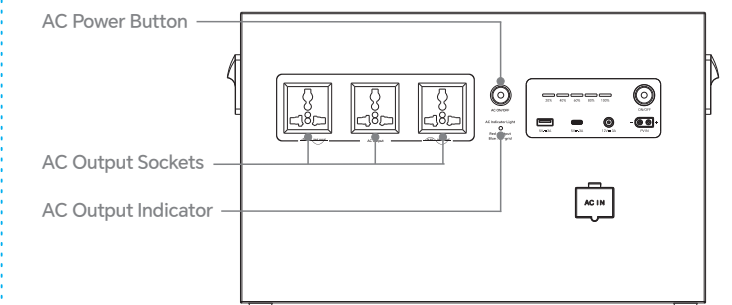
After the product is powered on, connect your digital device to the corresponding port using the appropriate cable to begin charging.



Note: If all battery level indicators flash simultaneously during use, it indicates a short circuit or overload in the DC/USB output. After resolving the issue, briefly press the Power Button to resume operation.

3. Using AC Output

After the product is powered on, briefly press the AC Power Button to activate the AC output function. The AC output indicator will illuminate red. Properly insert the device that requires power into the AC output socket for use.

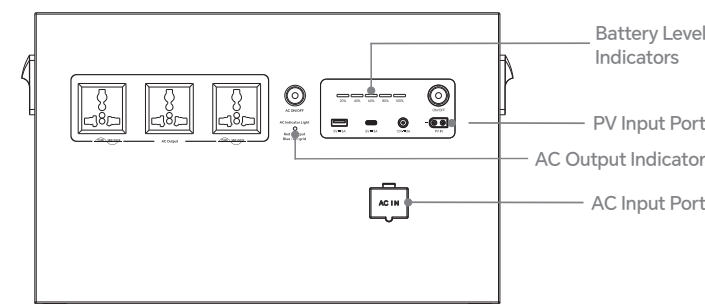


Note: If both the battery level indicators and AC indicator flash at the same time, it indicates a short circuit or overload in the AC output. After resolving the issue, briefly press the AC Power Button to resume operation.

4. Charging the Product

(1) Using the AC Charging Method: Please use the supplied AC power cord, insert it into the AC input port, and connect the other end to a mains power outlet to charge the product. During charging, the battery level indicators flash sequentially, the red AC output indicator light remains solidly lit, and the device automatically enters UPS mode.

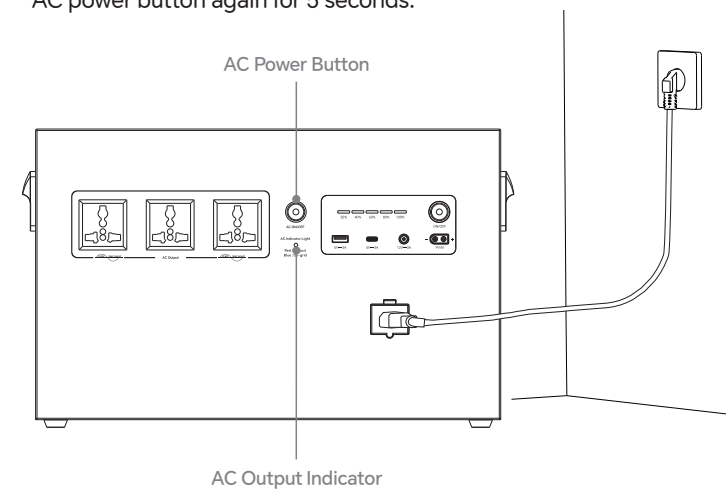
(2) Using the PV Charging Method: Please use the supplied PV power cord, insert it into the PV input port, and connect the other end to your solar panel to charge the product. During charging, the battery level indicators flash sequentially.



Note: If all battery level indicators flash simultaneously during charging, it indicates that the input voltage is too high or too low. Charging will automatically resume once the voltage returns to the normal range.

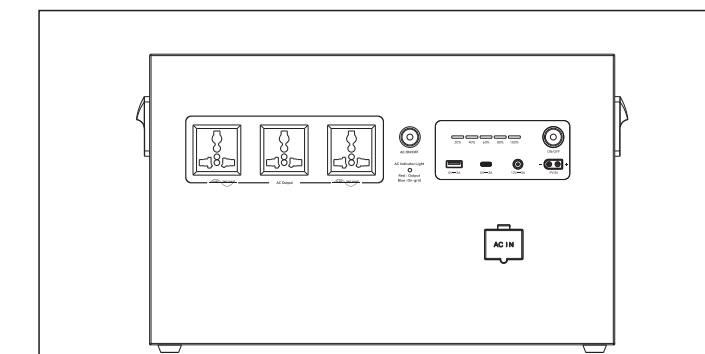
5. How to Use the Grid-Tied Function

When you need to connect this product to the grid for use, please use the supplied AC power cord, insert it into the AC input port, and connect the other end to a mains power outlet. Then, press and hold the AC power button for 5 seconds to enter Grid-Tied Mode. At this point, the blue AC output indicator light will remain solidly lit, indicating successful grid connection. To exit Grid-Tied Mode, press and hold the AC power button again for 5 seconds.



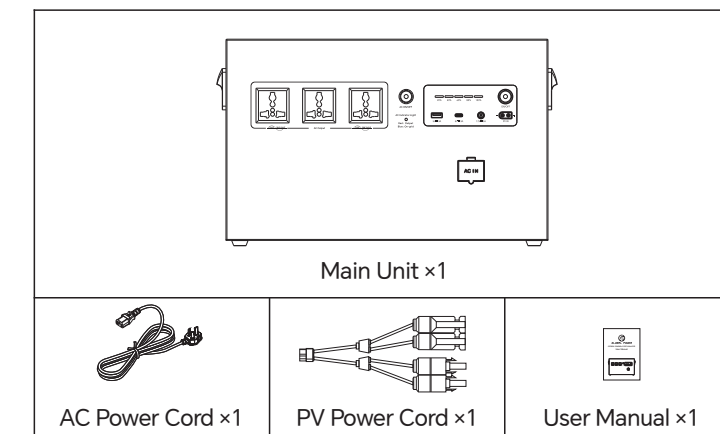
Note: When using the grid-tied function, if the blue AC indicator light flashes, it indicates a failure to connect to the grid. Please ensure the product has sufficient power, the grid is live, and the connections are correct before attempting to reconnect to the grid. In Grid-Tied Mode, the power output from the product's AC output sockets is restricted to 100W.

Product Specifications



Product Model	GP2KW-2560Wh-2.32PV Mini ESS
Battery Capacity	2560Wh, 25.6V 100Ah
PV Input	15-120V=30A (Max 2320W)
AC Input	1300W (Max)
DC Output	12V=3A (Max 36W)
USB-A Output	5V=3A (Max 15W)
USB-C Output	5V=3A (Max 15W)
AC Output	220V-50/60Hz, 2000W (Peak 3600W)
Grid-Tied Power	800W (Max)
Operating Temperature	-20~60°C

Package Contents



△ Important Notes

- If the product will not be used for an extended period, it is recommended to maintain a certain battery level and recharge it at least once every three months.
- Slight heating during use or charging is normal and does not indicate a malfunction.
- Use the product in a normal temperature environment, and keep it away from moisture, high temperatures, and open flames.
- Store the product in a dry place away from damp and corrosive materials.
- Do not clean with harsh chemicals, soaps, or detergents.
- If the battery shows signs of swelling, leakage, or unusual odor, stop using immediately.
- Avoid dropping the product during use.
- Keep the product out of reach of children. If a child needs to use the power station, a parent or guardian should operate it according to the instructions.
- Do not dispose of the power station with household waste or incinerate it. Please protect the environment.

Frequently Asked Questions

Q1: Does the product support auto standby?

No. The product activates the DC output upon powering on. To enter standby, you need to briefly press the Power Button to turn off the DC output; the product will then automatically go into standby after 3 minutes. Alternatively, you can directly press and hold the Power Button for 2 seconds to shut down the product completely.

Q2: Does the product support simultaneous charging and discharging?

Yes. When charging and discharging via AC, the product can function as a UPS.

Q3: How does the product's fan work?

The fan speed automatically adjusts across multiple levels based on the product's power usage and internal temperature.

Q4: What can I do if the fan is too noisy when charging the product via AC at night?

Double-press the AC Power Button to switch to Slow Charging Mode. The fan will then run at a low speed.

Reminder: Please read the manual thoroughly before use.



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