POWER AURO 2000 ELITE

User Manual

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In the event of divergence among different versions, the English version shall prevail.

Searching for Keywords

Search for keywords such as “battery” and “install” to find a topic. If you are using Adobe Acrobat Reader to read this document, press Ctrl+F on Windows or Command+F on Mac to begin a search.

Navigating to a Topic

View a complete list of topics in the table of contents. Click on a topic to navigate to that section.

Printing this Document

This document supports high resolution printing.

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Using this Manual

Legend

⚠ Important　　Hints and Tips　　Reference

Read Before Use

DJI™ provides you with tutorial videos and the following documents:

1. *Safety Guidelines*
2. *Quick Start Guide*
3. *User Manual*

It is recommended to watch all the tutorial videos and read the *Safety Guidelines* before using for the first time. Make sure to review the *Quick Start Guide* and refer to this *User Manual* for more information.

Video Tutorials

Go to the address below or scan the QR code to watch the tutorial videos, which demonstrate how to use the product safely:

https://www.dji.com/power-auro-2000-elite/video

Download DJI Assistant 2

Download DJI ASSISTANT™ 2 (Power Series) at:

https://www.dji.com/downloads/softwares/dji-assistant-2-power-series

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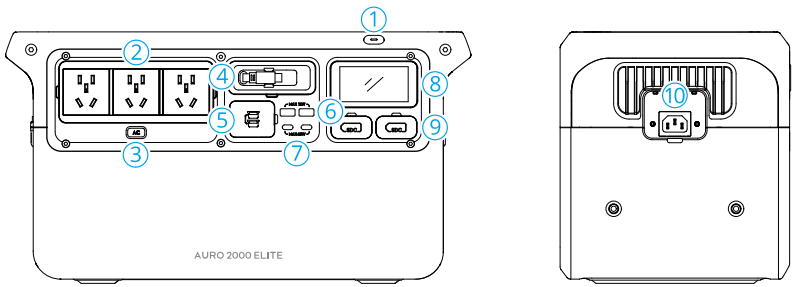
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1 Product Profile

1.1 DJI Power Auro 2000 Elite

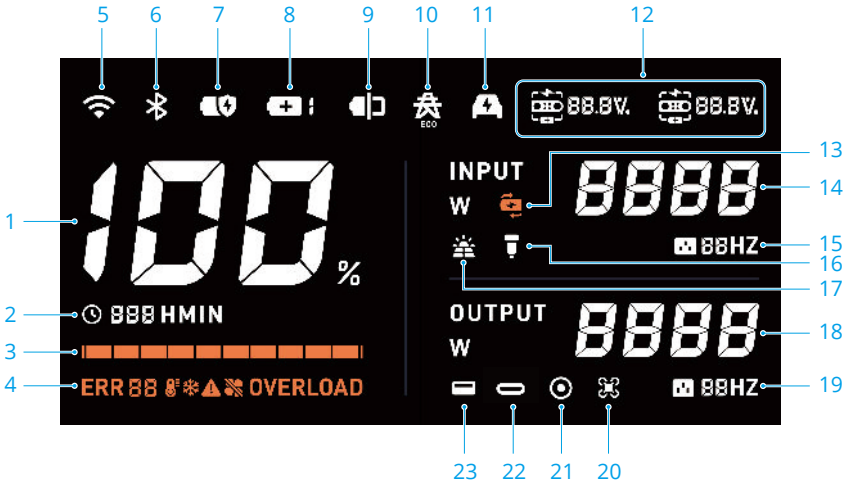


1. Power Button
2. AC Output Ports [1]
3. AC Button
4. USB-C Retractable Cable
5. Expansion Battery Port
6. USB-A Port
7. USB-C Port
8. Display Screen
9. SDC Port
10. AC Input Port

[1] The illustrations in the user manual may differ from the actual product, depending on the country or region. Please refer to the actual product.

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1.2 Display Screen



1. **Remaining Battery Level**
2. **Time**

   Displays the remaining usage time when the power station is powering external devices.

   Displays the remaining time required to recharge the power station to the recharging limit set in the DJI Home App from the current battery level.

   When the power station has output and input at the same time, the display screen shows the required recharge time if the input power is larger, or the remaining usage time if the output power is larger.
3. **Battery Level Bar**

   The battery level bar blinks in sequence when recharging the power station.

   The last grid of the battery level bar blinks when the power station is powering external devices.
4. **System Warnings**
   - ERR 88 Error Code
   - High Temperature Warning
   - Low Temperature Warning
   - System Error

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- Fan Error
- **OVERLOAD** Overload Warning

> - Check the warning prompts in the DJI Home App or visit https://s.dji.com/DJI-Power to learn about the warning details and troubleshooting. Contact official support if the problem persists.

5. **Wi-Fi Connection Status**

   Solid icon indicates a successful Wi-Fi connection.

   Blinking icon indicates that the Wi-Fi is not connected or the router cannot be connected.

6. **Bluetooth Connection Status**

   Solid icon indicates a successful Bluetooth connection.

7. **Recharging Indicator**

   The icon is solid when the power station is being recharged.

8. **Expansion Battery**

   The icon lights up when an expansion battery is connected. The number on the right indicates the number of expansion batteries connected.

9. **Recharge/Discharge Threshold**

   The icon lights up after setting the recharging upper limit or discharging lower limit in the DJI Home App.

10. **Grid-Tied Indicator (Only Supported in Some Countries/Regions)**

    The icon lights up when the power station enters Max Self-Consumption Mode or Time of Use (TOU) Mode.

11. **Car Recharging**

    The icon lights up after the Car Battery Charging Cable is used to connect the SDC port and the car battery.

12. **SDC Port**

    : Recharging or charging external devices via the SDC port. The upper half of the icon lights up to indicate that the power station is charging external devices via the SDC port, and the lower half lights up to indicate that the power station is recharging via the SDC port.

    88.8 V : The voltage value when recharging or charging external devices via the SDC port.

    88.8 % : Displays the battery level of the aircraft battery when charging the battery via the SDC port.

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13. **Uninterruptible Power Supply (UPS)**

    UPS is enabled. See Uninterruptible Power Supply (UPS) for details.

14. **Input Power**

15. **AC Input Frequency**

    After connecting to grid power, the power station enters the recharging state, the AC input frequency icon lights up, and the current AC input frequency is displayed.

    ⚠
    - When the input voltage is abnormal, the icon blinks. Make sure the voltage of the connected grid power is normal.
    - When the input frequency is abnormal, the 88HZ icon blinks. In this case, the power station cannot be recharged and supply AC power at the same time. To restore normal use, disconnect the grid power and the devices connected to the AC output ports first, and then switch the frequency by pressing and holding the AC button for more than 10 seconds or switch AC frequency in the DJI Home App.

16. **Cigarette Lighter Input**

    The icon lights up when recharging via the Car Power Charging Cable.

17. **Solar Input**

    The icon lights up when recharging via the solar power charging cable.

18. **Output Power**

19. **AC Output Frequency**

20. **DJI Aircraft/Charging Hub Output**

    The icon lights up when charging a DJI aircraft or DJI charging hub via the SDC port.

21. **Cigarette Lighter Output**

    The icon lights up when the power station is powering external devices via the Car Power Socket Extension Cable (Lite).

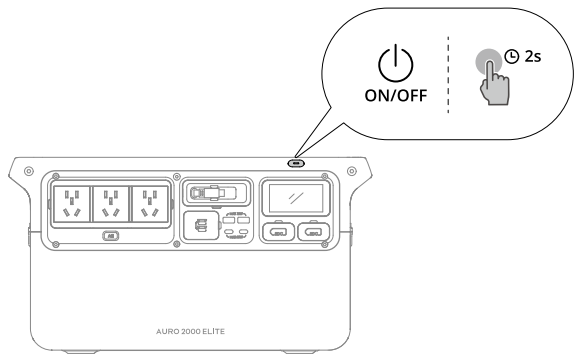
22. **USB-C Port**

23. **USB-A Port**

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2 Basic Usage

2.1 Powering On/Off



Power on/off: Press and hold the power button for at least two seconds.

Turn on/off the display screen: When the power station is powered on, press the power button once.

2.2 Connecting to the DJI Home App

1. Scan the QR code to download the DJI Home App.

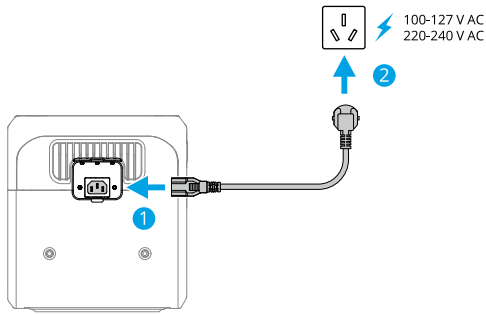
2. Enable Bluetooth and Wi-Fi on your phone, run the DJI Home App and follow the instructions to connect the power station.

- To check the Android and iOS operating system versions supported by the app, visit https://www.dji.com/downloads/djiapp/dji-home.
- The interface and functions of the app may vary as the software version is updated. Actual user experience is based on the software version used.

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2.3 AC Recharging

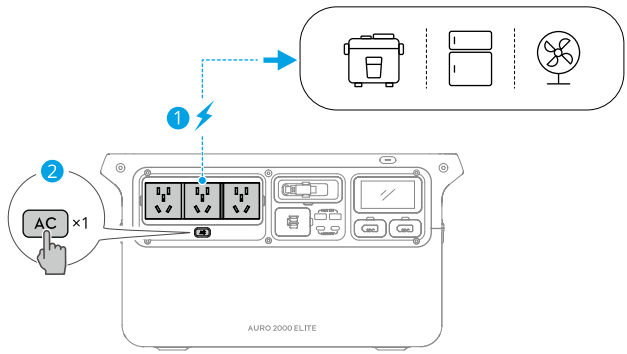
Open the port cover and connect the AC input port to an AC power outlet. The AC recharging power can be adjusted in the DJI Home App.



⚠
- Use the included AC power cable for recharging and avoid bending or pressing the cable. Ensure good ventilation during recharging. DO NOT place the power station in high-temperature or confined spaces.
- Disconnect the power station from the AC power outlet when recharging is complete.
- To extend the battery cell life of the power station and improve the user experience, it is recommended to select Slow Recharging in the DJI Home App for AC recharging.
- After six consecutive battery cycles, the power station will automatically enter a maintenance recharge during the next recharging cycle. At that time, the recharging limit set in the DJI Home App will be temporarily disabled, and the power station will be fully recharged to 100%. It is recommended to continue using the power station only after the maintenance recharge is complete.
- The temperature error icon on the display screen blinking slowly indicates that the battery cell temperature is too high or too low. To ensure the battery cell life and safety, the recharge power will be reduced.

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2.4 AC Output



After powering on the power station, connect the external device to an AC output port and press the AC button once for AC power supply. The AC button indicator will pulse slowly.

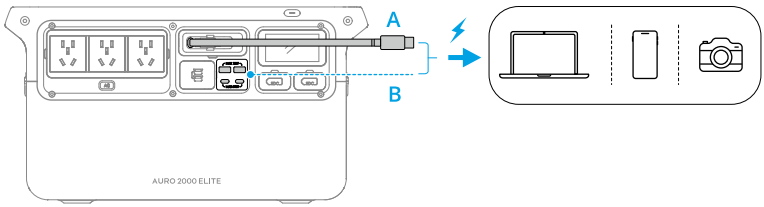
AC output will automatically shut down if the power station is not powering any AC device for more than 30 minutes. When AC output is disabled, the power station will automatically shut down if it has no output or input for more than 60 minutes. These time periods can be set in the DJI Home App.

Press and hold the AC button for a continuous AC power supply when connecting the power station to devices that operate intermittently such as a refrigerator. The AC button indicator will turn solid on.

⚠
- Appliances with compressors or motors, such as refrigerators, pressure washers, and chainsaws, may have a startup power that is 2 to 3 times the rated power. Before use, make sure the startup power of the device is within the supported range of the power station. Visit https://www.dji.com/power-auro-2000-elite/specs for the technical specifications of the product.
- The internal electronic components have a waterproof coating. There may be a faint smell during initial use, which is normal. The smell will dissipate naturally with daily use.

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2.5 USB Output



- The USB-C retractable cable supports up to 140 W PD fast charging. The actual charging power may vary due to proprietary protocols or current and voltage limitations of the connected device.

- DO NOT knot, twist, or sharply bend the retractable cable to avoid breaking the internal wires. The retractable cable can be replaced by the user. Refer to the tutorial video for detailed replacement instructions.

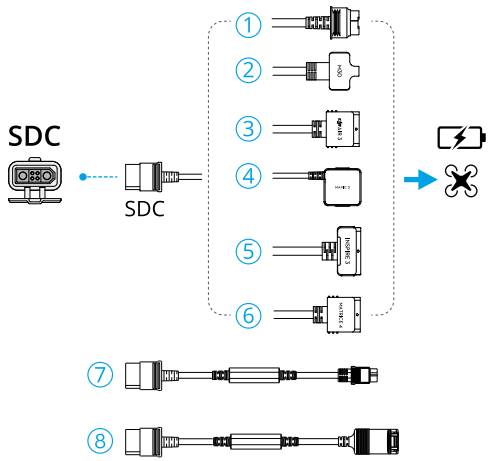
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3 Accessories

- Watch the tutorial videos or read the accessory manuals to learn detailed product usage.
- Unless otherwise specified, the accessories need to be purchased separately.

3.1 SDC Output

The power station can be used with SDC cables to charge different devices via the SDC port.



1. Fast Charge Cable for Aircraft
2. Matrice 30 Series Fast Charge Cable
3. Air 3 Series Fast Charge Cable
4. Mavic 3 Series Fast Charge Cable
5. Inspire 3 Fast Charge Cable
6. Matrice 4 Series Fast Charge Cable
7. SDC to XT60 Power Cable[1]
8. SDC to Car Charger Plug Power Cable[1]

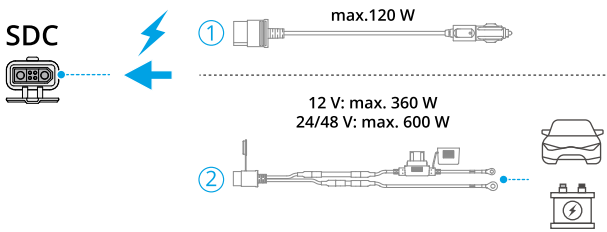
[1] Default output voltage: 13.6 V. Max output current: 12 A.

- Make sure the external device is within the output specifications.

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- DO NOT directly connect to a lithium battery with an XT60 port using the SDC to XT60 power cable. Make sure to connect the power station to a balance charger that meets the corresponding specifications first.

3.2 Car Recharging



1. Car Power Charging Cable
2. Car Battery Charging Cable

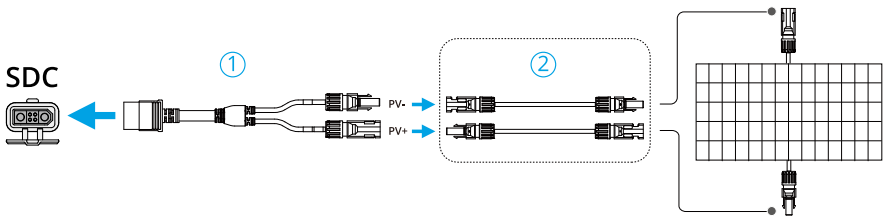
- The power supply capacity varies from car to car. When using the charging cable for the first time to recharge the power station, it is recommended to set a lower recharging power in the DJI Home App, and gradually increase the power as needed.

- Make sure the connected car power supply is within the specifications of the accessory. Otherwise, it may cause abnormal performance or even damage to the power station.
- Make sure that the charging cable is securely connected to the car power port, and only recharge after the car engine is started. Otherwise, the power station may be damaged.

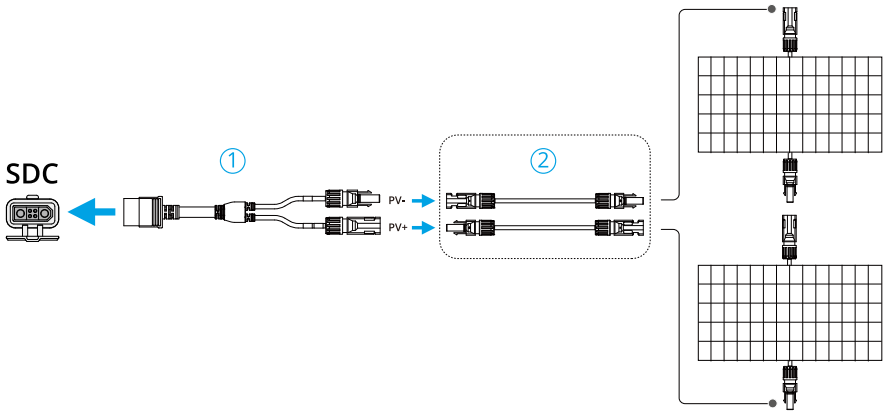
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3.3 Solar Recharging

Single Panel Connection

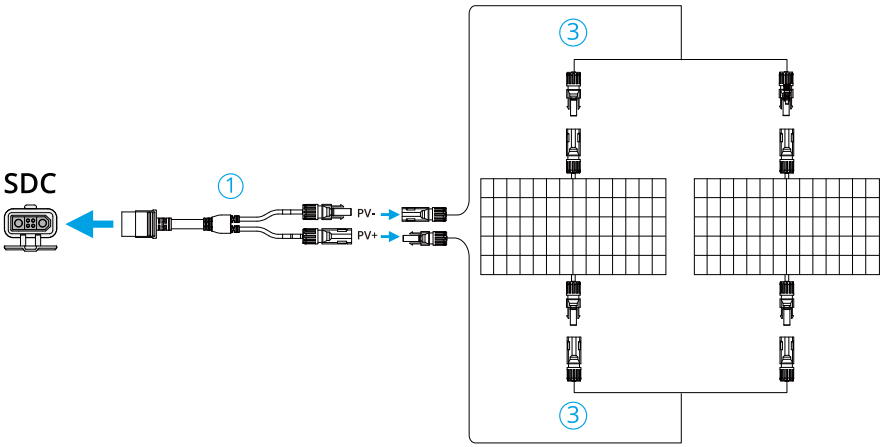


Series Connection



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Parallel Connection



1. MC4 Solar Power Charging Cable
2. Solar Panel MC4 Extension Cable
3. Solar Panel MC4 Parallel Cable

- When using multiple recharging methods simultaneously, solar recharging takes priority by default. Tap **Custom Backup Reserve Level** on the home screen of the DJI Home App to set the backup reserve level. When the battery level is below the backup reserve level, multiple recharging methods can be used simultaneously. When the current battery level is above the backup reserve level, only solar recharging is available.

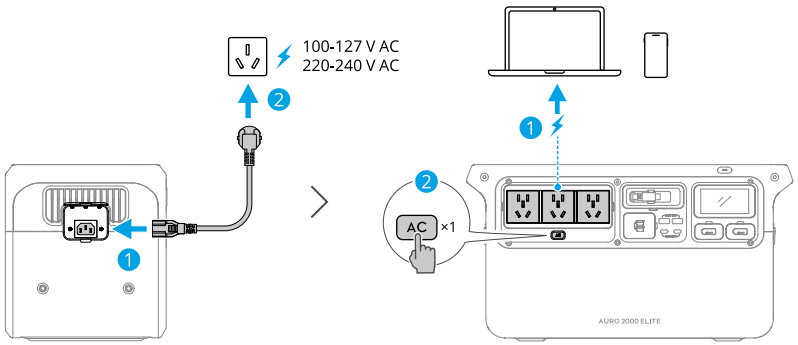
- The SDC port of the power station supports a maximum solar input of 600 W. It is recommended to use officially authorized solar panels. DO NOT mix different types of solar panels, and make sure that the total solar input voltage does not exceed 60 V and the input current does not exceed 30 A. Otherwise, the power station may be damaged.

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4 Uninterruptible Power Supply (UPS)

In UPS mode, when the power grid is functioning normally, grid power recharges the power station while powering the connected device at the same time. In case of a sudden power outage, the power station automatically switches to power supply status, ensuring that the connected device remains in normal operation.

Connect the power station to an AC power outlet, and connect an external device such as a computer to an AC output port of the power station. Press the AC button once. UPS mode is enabled when appears on the display screen.



- In UPS mode, you can enable **AC Output Auto-Restoration** in the DJI Home App. When enabled, in case of a power outage and the power station turns off after the battery runs out, the power station will automatically restart AC output and re-enter UPS mode once grid power is restored and the power station is recharged to 5%.

- This power station only provides basic UPS functionality and does not support 0 ms seamless switching. DO NOT connect the power station to devices that require 0 ms UPS, such as medical equipment. Otherwise, it may cause the device to malfunction.
- It is recommended to connect only one device at a time during use. Connecting multiple devices may trigger the station's overload protection, resulting in a power interruption. DJI assumes no liability for any device malfunctions, data loss, or any other direct or indirect losses resulting from failure to follow the instructions in this document.
- This function is unavailable in some regions. Refer to local laws and regulations for more information.
- Due to restrictions by local laws and regulations in some countries and regions, the actual output power of the power station may be lowered in UPS mode.

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5 Energy Optimization

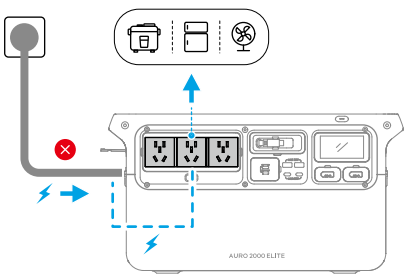
The Energy Optimization function in the DJI Home App allows you to manage the recharging and discharging plan of the power station, helping to reduce electricity costs.

5.1 Scheduled Periods

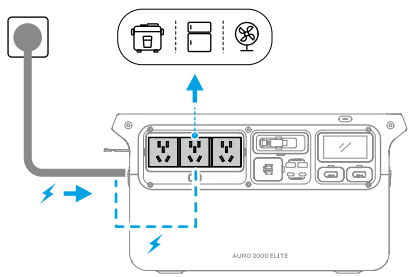
When enabled, the power station will automatically recharge and discharge according to the set peak and off-peak electricity rate periods.

1. Power on the power station and make sure it is connected to the DJI Home App.
2. Make sure that both the mobile phone and the power station are connected to Wi-Fi, and update the power station to the latest firmware.
3. On the home screen of the DJI Home App, tap ⬡ > **Energy Optimization** > **Scheduled Periods**.
4. Set the electricity pricing periods.

Peak pricing period: the power station discharges to power the devices



Off-peak pricing period: the power station recharges from grid power

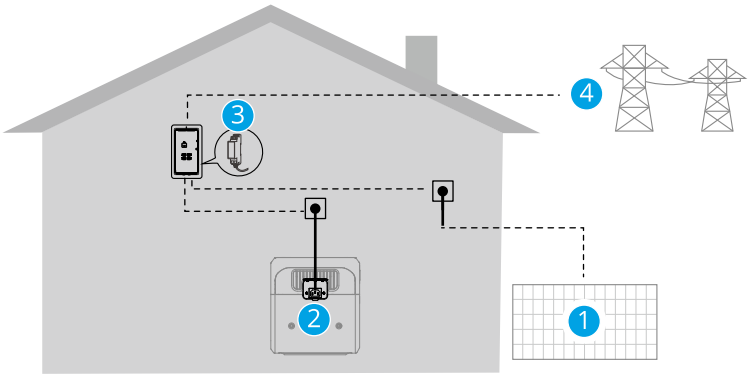


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5.2 Grid-Tied ESS

The power station can be connected to the grid to maximize the use of solar energy and reduce electricity costs. The energy saving effect is even better when used with a solar power system.

Grid-Tied functions are only supported in some countries and regions. Visit the link for more details: https://www.dji.com/power-auro-2000-elite/faq.

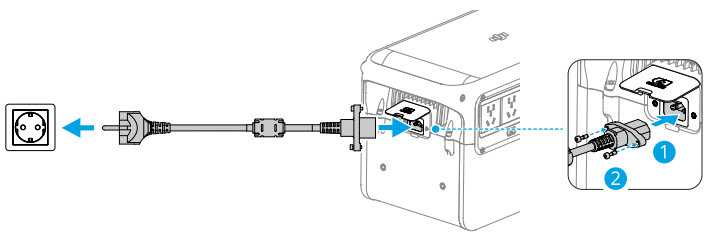


1. Solar Power System
2. Power Station
3. Smart Meter
4. Power Grid

Getting Started

1. Connect the power station to a wall AC power outlet and tighten the locking screws on the AC power cable connector.

> ⚠ • DO NOT connect to extension cords or outlets with aging wiring.



2. Install a smart meter (optional).

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- Visit the link to view supported smart meter models: https://www.dji.com/power-auro-2000-elite/faq.
- Refer to the smart meter manuals to learn about safe installation and usage. Installations should be completed by a qualified electrician.
- It is recommended to consult the electrician or power company to determine the actual operating meter phase for further settings in the app.

3. Before using the grid-tied function, make sure to submit a power grid connection request in compliance with local laws and regulations. The requirements and procedures may vary by country and region. Consult your local power company for more details.

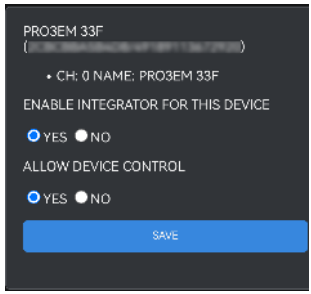
Grid-Tied Settings

1. Power on the power station and make sure it is connected to the DJI Home App.
2. Make sure that both the mobile phone and the power station are connected to Wi-Fi, and update the power station to the latest firmware.
3. On the home screen of the DJI Home App, tap > **Energy Optimization**, select an energy optimization mode, and follow the instructions in the DJI Home App to complete the parameter settings.

Energy Optimization Mode	Description
Scheduled Periods	The power station automatically adjusts recharging and discharging based on the set electricity rate periods and power usage strategy. Enable both the Discharge During Peak Periods and Charge During Off-Peak Periods modes to save money on electricity bills. Suitable for scenarios without a solar power system.
Max Self-Consumption Mode	Suitable for households with a solar power system and relatively stable electricity rates.
Time of Use (TOU) Mode	Suitable for households where the difference between peak and off-peak electricity rates is large and a solar power system is installed. If no smart meter is installed, the power needs to be adjusted manually.

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4. If a Shelly smart meter is installed, refer to the illustration below to select the corresponding options when syncing the meter data.



- It is recommended to enable **Auto Resume** in **Energy Optimization**. If the power station is disconnected from the power grid (such as when moved to a vehicle or used outdoors), the power station will automatically exit the energy optimization mode to ensure a stable power supply. After the power station is connected to an AC power outlet again, the energy optimization mode will resume automatically.

- When grid-tied, the maximum grid-tied discharging power of the power station is 800 W.
- When grid-tied, the UPS function can be used at the same time. Make sure that the power of the devices connected to the AC output ports of the power station is less than 1200 W. Otherwise, the grid-tied output capability will be limited.

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6 Appendix

6.1 Firmware Update

If the power station is connected to the DJI Home App, a prompt will appear in the app when new firmware is available. Follow the instructions in the app to update the firmware. An internet connection is required during the firmware update.

You can also update the firmware on the home screen of the DJI Home App: tap ⬡ and tap **Firmware Update** > **Update**.

⚠
- Before updating, make sure the power station has a sufficient battery level and a stable network connection.
- Connect the accessories to the power station to update the firmware together.

6.2 Log Export

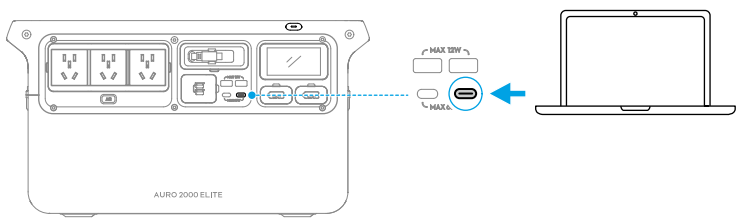
Export via the DJI Home App

On the home screen of the DJI Home App, tap **Profile** > **Help** > **Error Log Upload**, and follow the on-screen instructions.

- Before exporting the logs, make sure that the power station has been updated to the latest firmware.

Export via DJI Assistant 2

1. Power off the device, press and hold the AC button and the power button simultaneously, until the USB-C icon starts to blink on the display screen.
2. It is recommended to use a USB-C to USB-A data cable to connect the computer to the USB-C port of the power station shown in the illustration.



3. Run DJI Assistant 2, click **Log Export** on the left side, select the log from the log list and save. Wait for the export to complete.

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4. Restart the power station to resume normal use after completing log export.

6.3 Maintenance

1. The power station should be stored in a cool, ventilated, and dry environment without direct sunlight at the specified storage temperature. DO NOT place the power station in water or where water may leak.
2. DO NOT store the power station for an extended period after fully discharging. Otherwise, the battery may over-discharge and cause irreparable damage to the battery cell.
3. For long-term storage, it is recommended to maintain the product's battery level at 50% to 70% (ideally around 60%). Storing with high battery level for a long duration can cause the battery to age more quickly, while storing with low battery levels can cause over-discharge. It is recommended to check the battery level every 3 to 4 months during storage and recharge if necessary.
4. Recharge and discharge the power station once every 6 months to ensure the battery performance: discharge the power station to below 15%, power off for more than two hours, and then recharge it to 100% using Slow Recharging.
5. Clean the ports with a clean, dry cloth if there is any noticeable buildup. DO NOT clean the power station with alcohol or other flammable solvents.

6.4 Disposal

1. The power station contains hazardous chemicals. Make sure to strictly follow local regulations regarding the disposal and recycling of batteries. DO NOT dispose of the power station in a regular waste disposal container.
2. Dispose of the power station in a suitable recycling container only after fully discharging it.
3. If the power station is over-discharged, swollen, dropped, exposed to water, damaged, or leaking, DO NOT put it directly into a battery recycling container. Stop using it immediately and contact a professional battery recycling company for further assistance.

6.5 Specifications

Visit the following website for specifications.

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https://www.dji.com/power-auro-2000-elite/specs

6.6 Compatibility

Visit the following website to get the information on compatible products.

https://www.dji.com/power-auro-2000-elite/downloads

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Scan WeChat QR Code
for **Technical Support**

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