

BLUETTI | TECHNOLOGY PIONEER
IN CLEAN ENERGY

Elite 200 V2

Portable Power Station V1.0

BLUETTI App User Manual

Thank You

Thank you for making BLUETTI a part of your family.

From the very beginning, BLUETTI has tried to stay true to a sustainable future through green energy storage solutions while delivering an exceptional eco-friendly experience for our homes and our world.

That's why BLUETTI makes its presence in 140+ countries and is trusted by millions of customers across the globe.



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The contents of this manual are subject to change without notice. Please get the latest version from: <https://www.bluettipower.com/pages/user-guides>

If you have any questions or concerns about this manual, please contact BLUETTI support for further assistance.

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1. Getting Started

1.1. Download the App

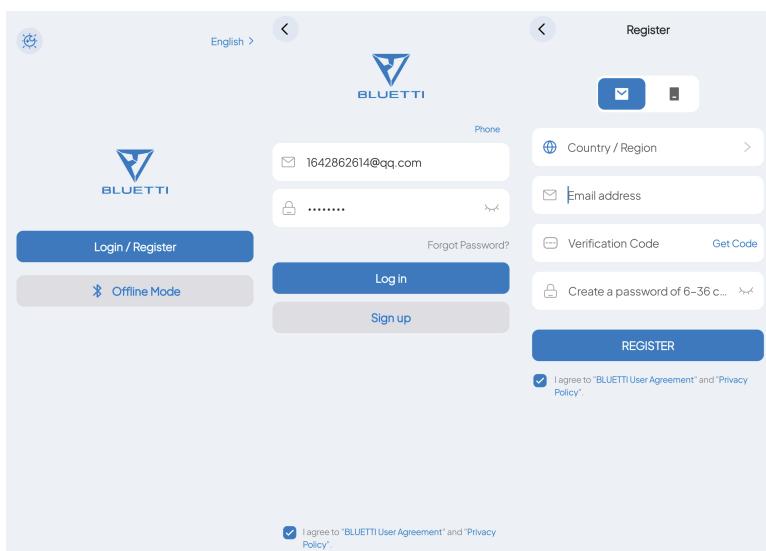
Scan the QR code below to download the BLUETTI App, or search for "**BLUETTI**" in the App Store or Google Play.



Supported operating systems: iOS 11.0 or above, Android 8.0 or above.

1.2. Sign up

1. Open the App and tap **Login/Register**.
2. Tap **Sign up** and enter your email address.
3. Enter the verification code and tick the checkbox.
4. Tap **Register** to create your BLUETTI account.



Note: If you don't receive the email with verification code, check your Junk or Spam folder. If you still can't find the email, try "Get Code" again as there may be a delay. If the code is still unavailable, please contact BLUETTI Customer Service for assistance.

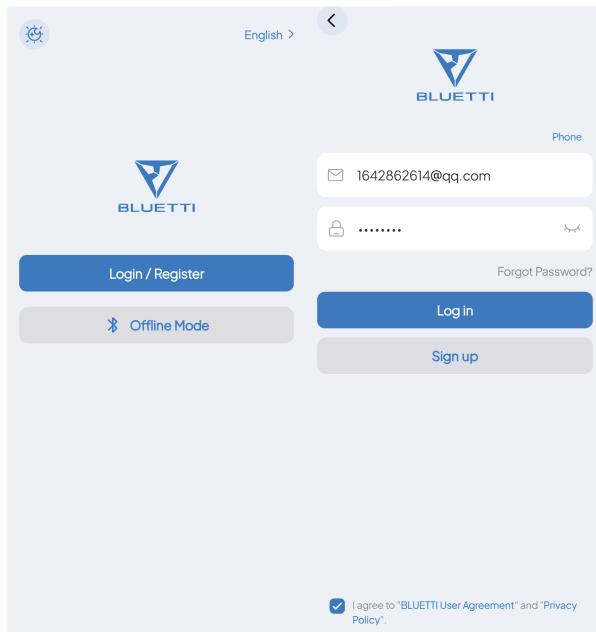
1.3. Log in

1. Open the App and tap **Login/Register**.

2. Enter your account details.

3. Tick the checkbox and **Log in**.

Note: If you forget your password, tap **Forgot Password?** to reset it.

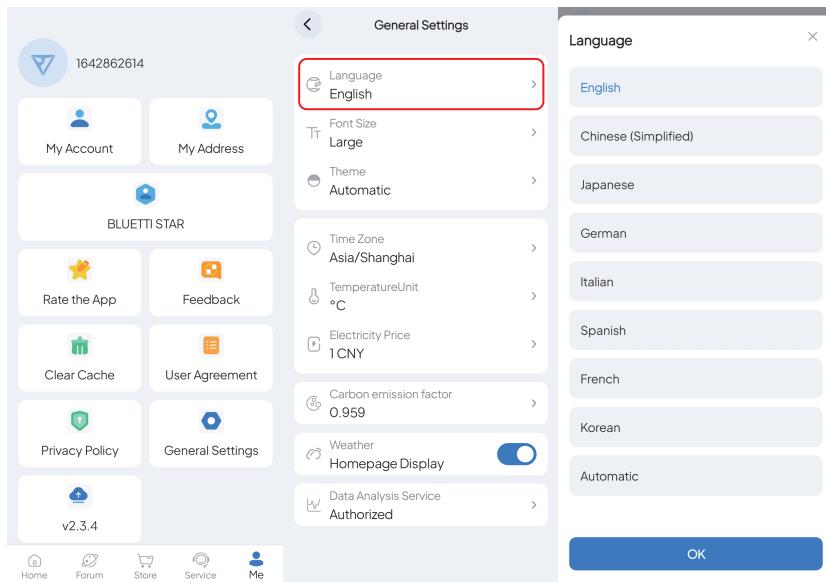


1.4. App Languages

1. Go to the **Me** page and tap **General Settings**.

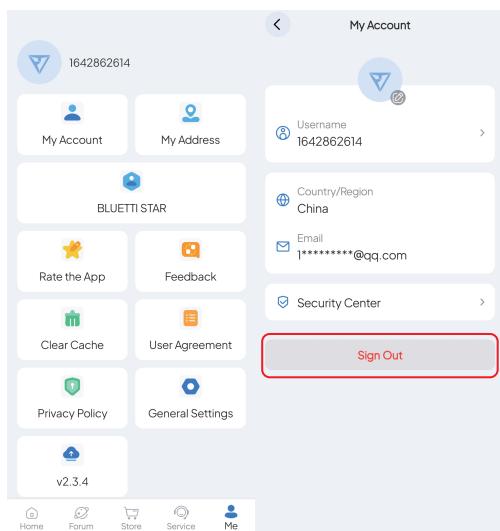
2. Go to **General Settings**, choose your desired language, and tap **OK** to save the changes.

Note: By default, the App adapts to the language settings of your mobile device's operating system.



1.5. Exit

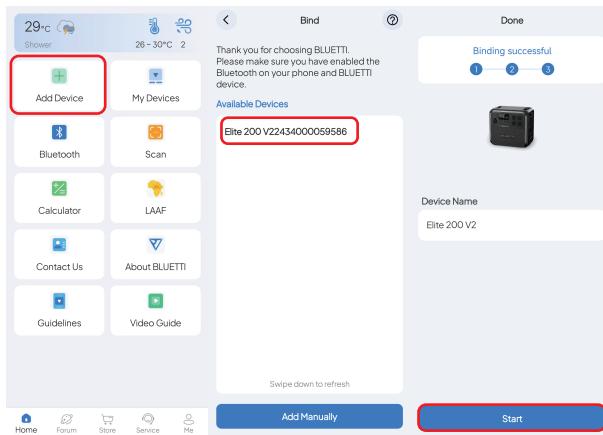
1. Go to the **Me** page, and tap on your avatar or **My Account**.
2. Tap **Sign Out** on the **Account** page.



2. Connection Device

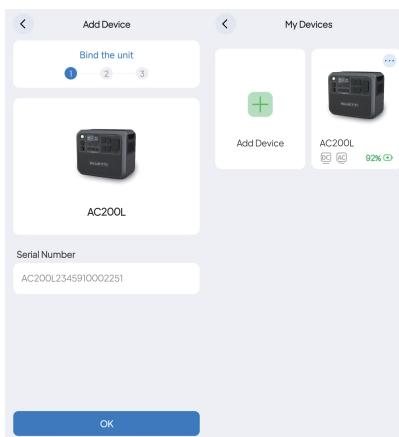
Make sure you are enabled Bluetooth and location service (e.g. GPS) on your phone. If you can't find your device, get closer and Click to refresh the list (recommended range: 5m).

- 1.Tap **Add Device** on the **Home** page.
- 2.On the **Bind** page, select your device's SN number and tap **OK** to finalize the binding process.
- 3.You can view the bound devices on the **My Devices** page.



2.1.SN

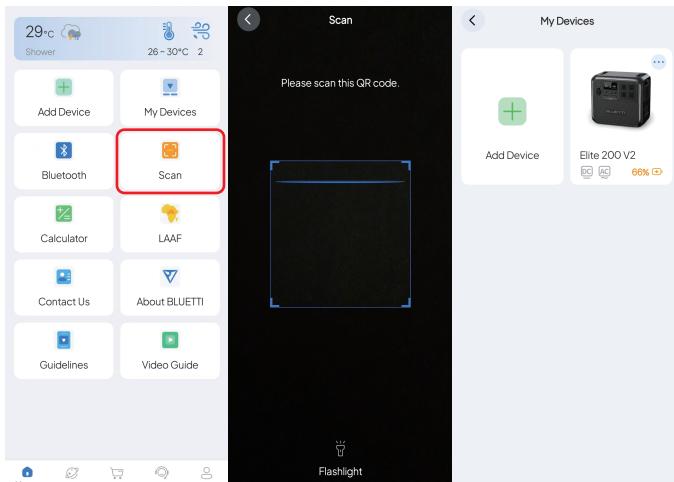
- 1.Tap **Add Device** on the **Home** page, or tap **My Devices** > **Add Device** > **Add Manually**.
- 2.At the bottom of the **Bind** page, tap **Add Manually**.
- 3.Enter the device model and SN.
- 4.Tap **OK** to complete the binding.



2.2.QR Code

1.Tap the **Scan** on the **Home** page, or tap **My Devices** > **Add Device** > **Scan**.

2.Scan the QR code on your Elite 200 V2 unit.



2.3.Configure the network

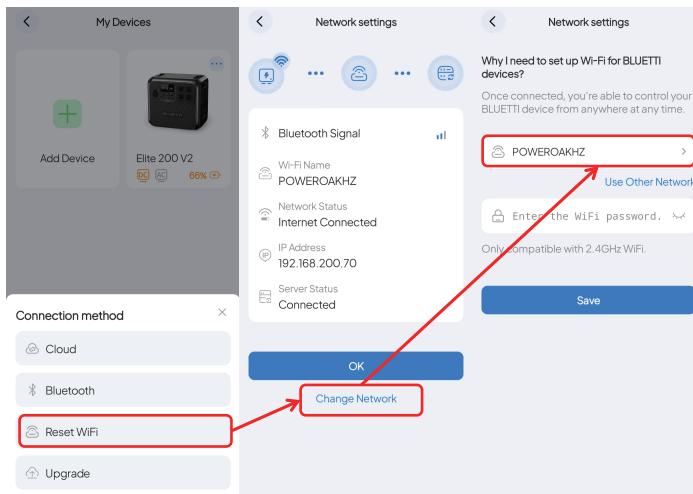
1. Go to the **My Devices** page and tap in the upper right corner.

2. Tap **Reset WiFi**.

3. Tap **Change Network**.

4. Fill in the related network information and **Save** it.

Note: The Elite 200 V2 support **2.4GHz WiFi** only.



Connection

The BLUETTI App supports connection via Bluetooth or WiFi. Whether you've registered or not, you can choose to connect via Bluetooth. However, the WiFi option is only available if you have completed the registration process.

Note: The features listed below are not available when connecting to the Elite 200 V2 by scanning a shared QR code.

Features	Offline Mode / Direct Bluetooth Connection	Bluetooth Connection after Binding	WiFi Connection
Device Sharing	✗	✓	✓
Firmware Upgrade	✗	✓	✗
UPS Mode	✓	✓	✓
ECO Mode	✓	✓	✓
Advanced Settings	✗	✓	✓

2.5.Firmware Upgrade

Note:

- Only available when you connect to the Elite 200 V2 via Bluetooth.
- For a stable connection, keep your phone and Elite 200 V2 close together (recommended range: 5m).
- During the upgrade, you cannot perform charging, discharging, or any other operations.

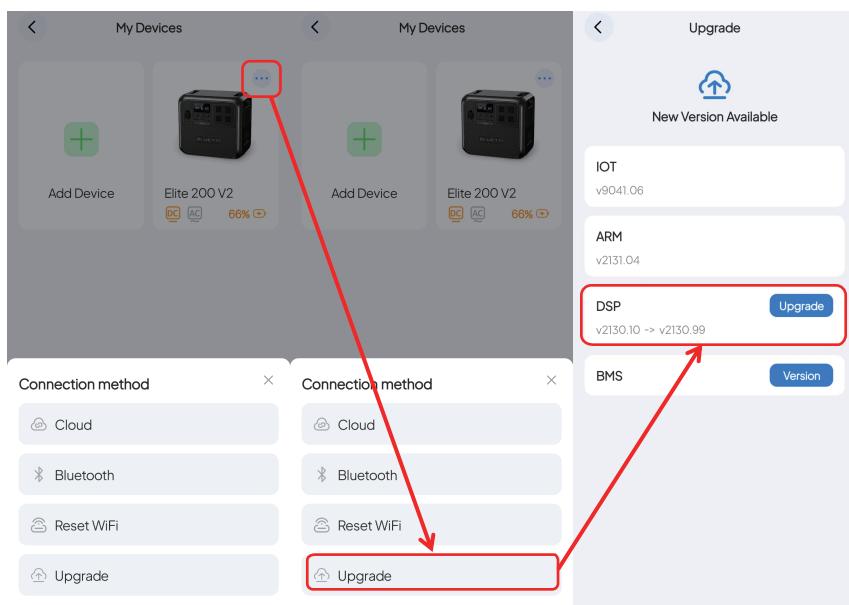
1.Tap **My Devices** on the app's **Home** page.

2.Tap  in the upper right corner of the device you want to upgrade on the **My Devices** page.

3.Tap **Upgrade**.

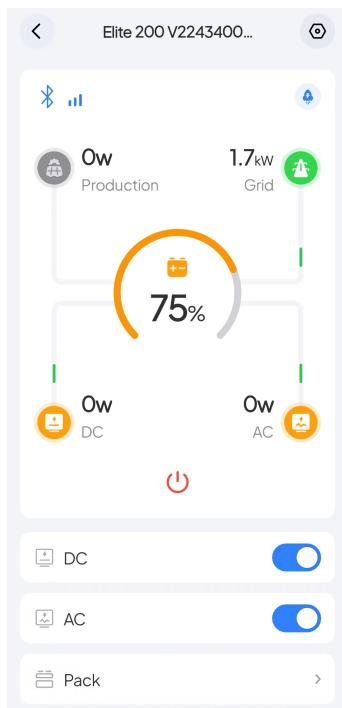
4.The App will jump to the **Firmware Upgrade** page.

5.Select the upgrade option.



3. Real-time Monitoring

3.1. Operation Status



① ⓘ

Tap to check the current alarm(s) and alarm history.

② ⚙

Tap to check and change system settings, like Firmware Upgrade, Advanced Settings, Charging Mode, Working Mode, Device Sharing, etc.

③ ⚡ / ⚡

Bluetooth / WiFi connection successful.

④ ⚡ / ⚡ / ⚡

Charging in Standard/ Silent /Turbo Mode.

⑤ Charging / Discharging Status

Please refer to Charging / Discharging Status for details.

⑥ ⚡ Tap to power off the Elite 200 V2 .

Note: The Elite 200 V2 can only be powered on with the power button on the Elite 200 V2 unit.

⑦ DC Power Button

Tap to turn on the DC output and power compatible devices.

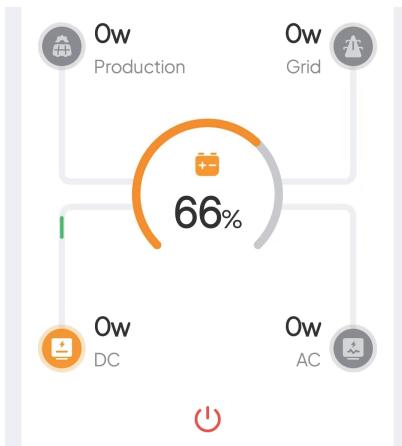
⑧ AC Power Button

Tap to turn on the AC output and power compatible devices.

⑨ Battery Pack

Tap to check the information of the battery pack. Please refer to Battery Pack Status for details.

3.2.Charging / Discharging Status



PV generation. It shows how much power the Elite 200 V2 is drawing from your rooftop solar or solar panel(s). Tap to view more details.

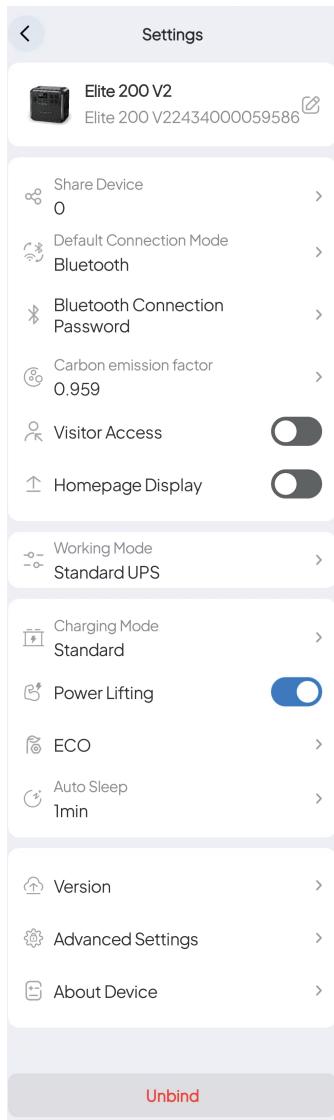
Grid charging. It shows how much power the Elite 200 V2 is drawing from the grid. Tap to view more details.

DC load consumption. It shows how much DC power is supplying to your household appliance.

AC load consumption. It shows how much AC power is supplying to your household appliance. Tap to learn more about where the power is going.

4. Device Management

After connecting the device, on the operation status page, tap to access the Setting page.



4.1. Settings

- **Device Name:** Tap to modify.
- **Share Device:** Tap to share your Elite 200 V2 .
- **Default Connection Mode:** To modify the device's default connection mode. Once saved, whenever you tap on the device image on the My Device page, it'll automatically connect using the chosen mode.
Note: The App is programmed to use the Cloud as the default connection mode.
- **Bluetooth Connection Password:** Set a 6-digit password for Bluetooth connect with other mobile devices.
- **Carbon emission factor:** To calculate your reduced carbon emission.
Note: Reduced carbon emission (kg) = Solar power generation (kWh) × Carbon emission factor
- **Visitor Access:** Limit Bluetooth direct range permissions.
- **Homepage Display:** Once enabled, the device will show up on the App's Home page. Tap the device image to connect seamlessly and quickly.
- **Working Mode:** Tap to set the UPS Mode.
- **Charging Mode:** The Elite 200 V2 supports three AC charging modes:
 - Turbo Charging: 0%-80% charge in 1.4 hours. Ideal for quick charging.
 - Standard Charging: fully charged in about 1.6 hours. Reduces battery wear and tear for long battery life.
 - Silent Charging: low operation noise (<35dB). Offers a quiet, low-power operation.

Note:

- 1.The Elite 200 V2 is set to charge in Standard mode by default.
- 2.Enable Turbo Charging, the default password is 88888888

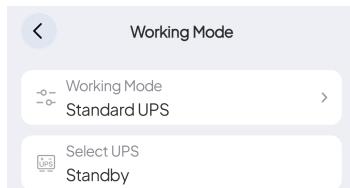
- **Power Lifting Mode:** To handle resistive loads up to 3,900W.
- Note:** This mode is only suitable for resistive loads with a power rating between 2,600W-3,900W.
- **ECO:** Please refer to the ECO Mode for details.
- **Auto Sleep:** Choose screen sleep time (30s, 1min, 5min, always on). The default screen sleep time is 1 minute.
- **Version:** Tap to upgrade your device. Only available when you connect to the Elite 200 V2 via Bluetooth.
- **Advanced Settings:** To check and change more settings. Please refer to Advanced Settings for details.
- **About Device:** The information about Elite 200 V2 and other related devices.
- **Unbind:** Tap to unbind your BLUETTI account with the Elite 200 V2 .

4.2. UPS Mode

With the UPS mode enabled, the Elite 200 V2 can provide uninterrupted power to your essential appliances during a power outage. Through the BLUETTI App, you can choose from four different UPS modes to meet your specific needs.

Note: Disable the Grid Self-adaption Mode when using the UPS function.

Standard UPS Mode



Ideal for areas with an unreliable power grid. The Elite 200 V2 and expansion batteries (if any) are always charged using available solar or grid power. When the battery is fully charged, the grid can bypass Elite 200 V2 and power your loads directly. In the event of a grid failure, the Elite 200 V2 seamlessly takes over to keep your appliances running without interruption.

Time Control UPS Mode

Suitable for areas with fluctuating electricity prices based on time-of-use. You can set State of Charge (SoC) limits and specific charging and discharging schedules to optimize cost savings.

1. SoC Setting:

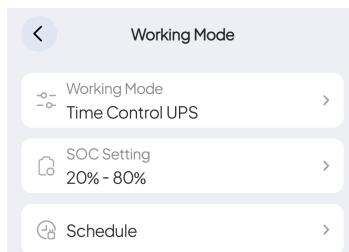
SoC Low: It's set to 20% by default. When the Elite 200 V2 is connected to the grid, it will reduce battery output as much as possible once the battery charge drops below 20%. However, if there is no power grid available, the Elite 200 V2 will continue to power your appliances until the battery level reaches 0%.

SoC High: It's set to 80% by default. This means that the Elite 200 V2 will stop charging from the grid when the battery level reaches 80%, and seamlessly switch to solar charging for the remaining capacity.

2. Manage Charge/Discharge Time:

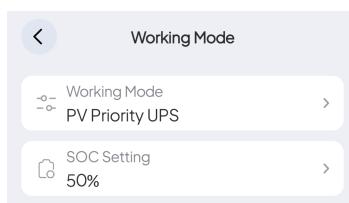
Charging Time: Schedule the Elite 200 V2 to charge during off-peak hours when electricity costs are lower.

Discharge Time: Schedule the Elite 200 V2 to supply your appliances during peak hours when electricity costs are higher.



PV Priority UPS Mode

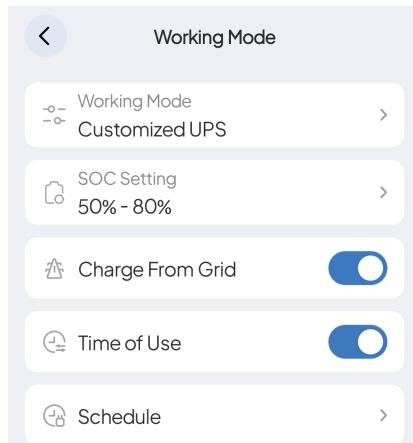
Suitable for areas with abundant solar resources and stable grid. In this mode, the Elite 200 V2 primarily charges from solar energy to save electricity. You can also set a specific State of Charge (SoC) threshold. As the Elite 200 V2 charges from the grid and reaches the desired SoC level, it seamlessly transitions to solar charging for the remaining capacity.



Customized UPS Mode

In this mode, you can create personalized schedules for charging and discharging, set battery SoC limits, and control the grid charging switch. When the Grid Control is off, the Elite 200 V2 won't use grid power to charge.

Note: The charge/discharge schedule, SoC limits, and grid charging availability also take effect in Time Control UPS Mode.

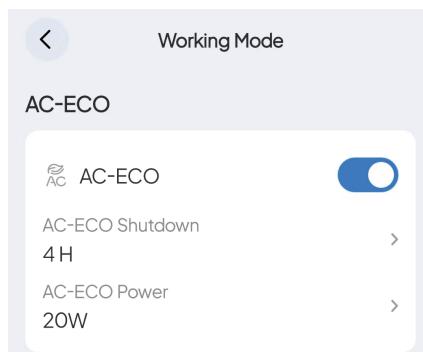


4.3.ECO Mode

AC-ECO

If the AC output power is continuously less than the set power (AC-ECO power setting value) within the set time period (AC-ECO shutdown time setting value), the Elite 200 V2 AC output will automatically shut down; when the AC power device is reconnected, the AC power switch needs to be turned on again.

Note: It is recommended to set it to 4 hours, 20W.



DC-ECO

In this mode, if the DC power output falls below a certain power level for a set period of time, the DC power will automatically turn off. To resume the DC output, turn on the DC Power Button.

Note: It's recommended to set the DC-ECO shutdown time to 4 hours and the power limit to 10W.



Note: When the AC-ECO or DC-ECO is enabled, the icon will be displayed at the top of the LED screen.

5. Advanced Settings

DC Input Source:

PV: Select this mode when using solar charging

Note:

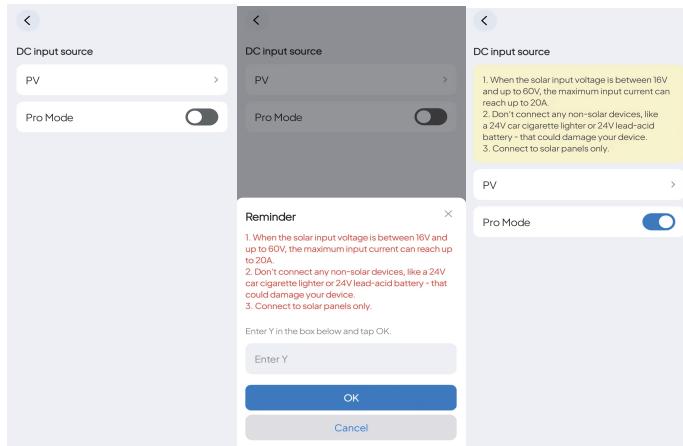
1. In PV mode

when Pro Mode is enabled: 16–60V -> 20A, 12–16V -> 8.2A

When Pro Mode is disabled: 30–60V -> 20A, 12–30V -> 8.2A

2. Do not connect any non-solar devices such as 24V car cigarette lighter or 24v lead-acid battery - this may damage your device.

3. Connect to solar panels only.



Other: Select this mode for non-PV sources.

- AC Output Frequency: Choose 60Hz or 50Hz for the Elite 200 V2 .

- Max Charging Current Of Grid: Setting the input current

Note: To set a value higher than the default 12A, Please refer to Chapter 6. Advanced User Application

- **Grid Self-adaption:** For users with weak grids (i.e. unstable grid voltage, such as voltage fluctuation, low voltage, or high voltage), this switch needs to be turned on. After turning it on, when charging through the grid, the charging power will increase slowly to reduce the impact on the grid.

- **System Switch Recovery:** If you want the system to return to the last "system switch" state when it is turned on, please turn on this switch.



6. Unbinding

When you no longer want to manage the Elite 200 V2 , you have two options to unbind it.

1.On the **My Devices** page, press and hold the device image you want to unbind until the pop-up appears, and tap **Unbind**.

2.Tap **OK** in the **Unbind this device**.

