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Quick APP Installation Guide

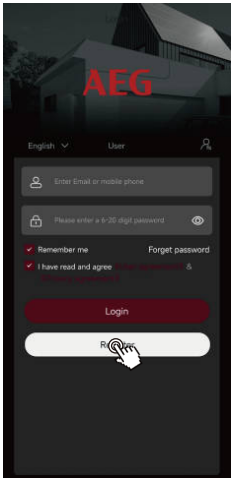
The AS-BBL09-4.8K is an energy storage system developed by AEG.
With the AEG Plug-in Battery APP, you can quickly set up, monitor, and control the AS-BBL09-4.8K battery and its related accessories.
This manual provides step-by-step guidance to help you:
· Complete the initial setup of the battery system
· Monitor real-time operating status of the energy storage battery
· Manage and check the status of connected accessories
By following this guide, you can start using your energy storage system quickly and easily through the APP.

1.APP Download

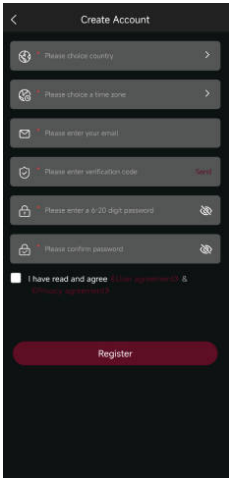
· Android download: Google Play
· IOS download: APP Store
· QR code download:

2.Account Register and login

1. Using your email to register. (Figure 1)
2. Enter the verification code and password to finish registering. (Figure 2)
(If you have not received the verification code, please check your spam/junk mail folder.)



(Figure 1)

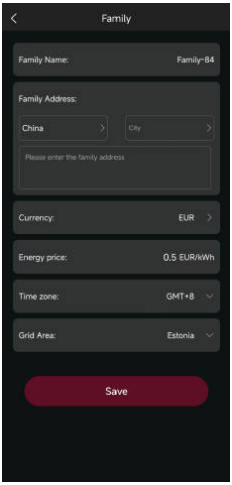


(Figure 2)

3.Create Family

Set up the basic information to create a family.

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4.Device Connection

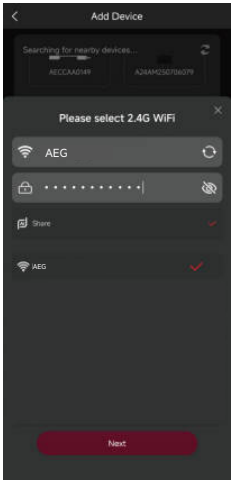
4.1.First time adding a Battery

1. Turn on your phone's Bluetooth and search for devices via Bluetooth.
2. Select your Battery. (Figure 3)
3. Select your home's 2.4G network and enter the password. (Figure 4)
4. Successfully add the Battery. (Figure 5)

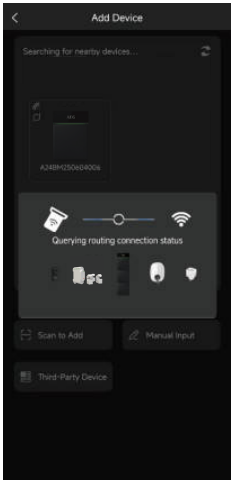
Please note: When adding a device for the first time, you can **only select the battery;** you cannot add a smart meter or other accessories first.



(Figure 3)



(Figure 4)



(Figure 5)

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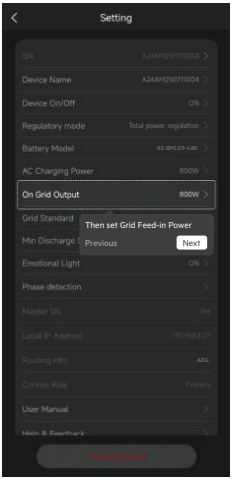
4.2.Parameter setting guide (for the first time)

After you connect your device for the first time, the app will guide you through configuring its parameters to ensure proper operation. Please follow the instructions to set your parameters, or adjust them according to your needs and local laws and regulations.

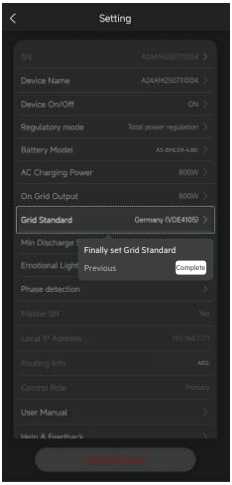


· Parameters setting

1. Select the grid-connected output power (maximum up to 2400W; please select the appropriate output power according to your local laws and regulations). (Figure 6)
2. Select the power grid standard of the region where the equipment is located. (Figure 7)



(Figure 6)



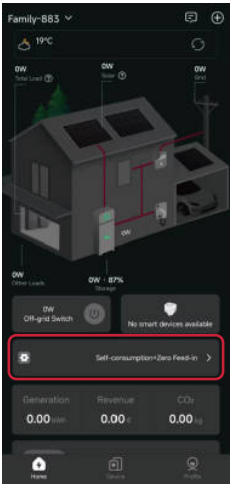
(Figure 7)

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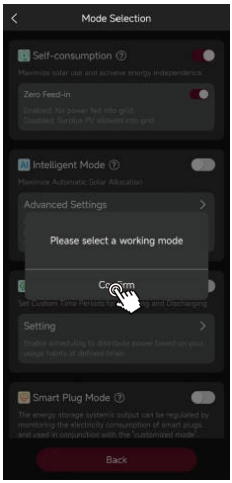
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· **Select working mode**

We offer four working modes. Please select the appropriate mode based on your needs.
Note: The self-consumption mode and the AI Intelligent mode require a smart meter. To choose either the self-consumption mode or the AI Intelligent mode, please add a smart meter first, following the steps below. To select the smart plug mode, please add a smart plug first, following the steps below. After successfully adding the required devices, you can then select the working mode.

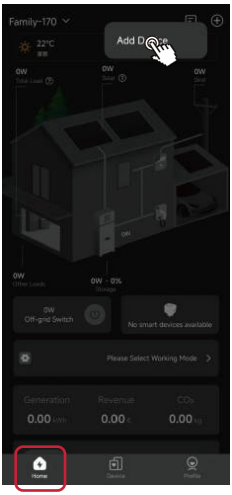


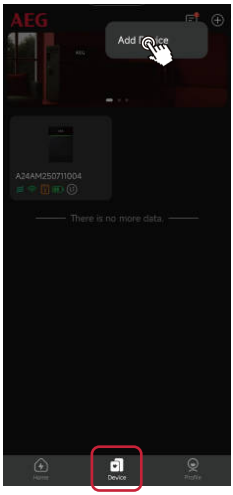




4.3. Adding devices or accessories later

Click "+" in the upper right corner of the "home" page or "device" page to add device





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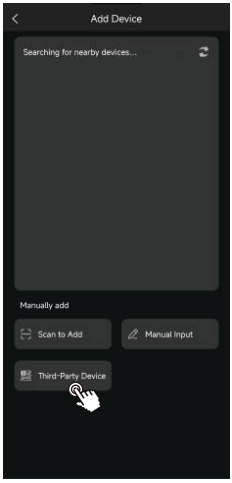
· Adding a smart plug

To add a smart plug, please follow these steps:
· Go to the Device page and select Add Device. (Figure 8)
· Choose Add Third-Party Device (currently only **Shelly** Smart Plugs are supported). (Figure 9)
· Select the smart plug that appears in the search results. (Figure 10)
· The device will be added successfully. (Figure 11)

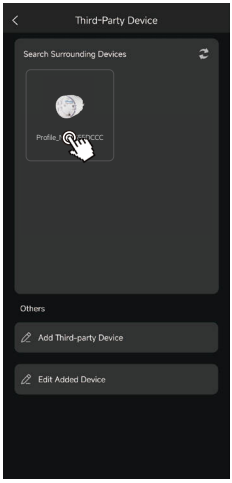
Important:
If you want to use the smart plug, please make sure the Smart Plug switch is enabled in the APP.



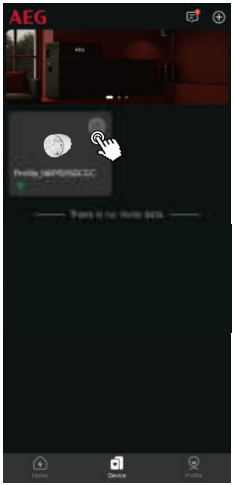
(Figure 8)



(Figure 9)



(Figure 10)



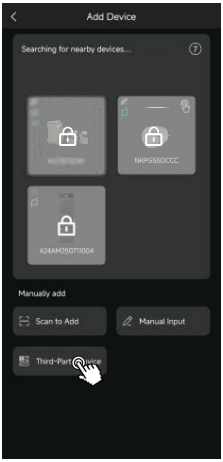
(Figure 11)

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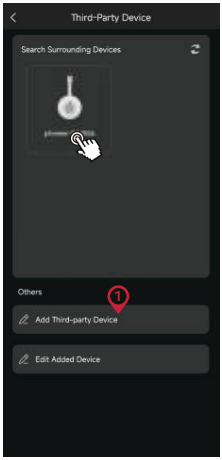
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· Adding a Homewizard P1 meter

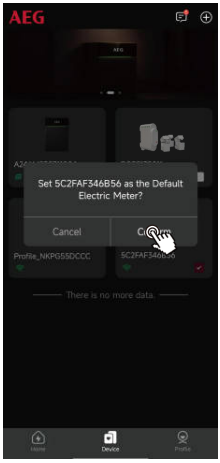
Please note: Before connecting your Homewizard P1 meter to the app, please ensure that your Homewizard P1 meter has been successfully connected to the Homewizard app. For detailed steps on connecting to the Homewizard app, please refer to:
https://helpdesk.homewizard.com/en/articles/5936058-how-to-install-the-p1-meter
1. Click "+" in the upper right corner of the "home" page or "device" page to add device.
2. Select the Third-Party Device option. (Figure 12)
3. Select your Homewizard P1 smart meter. (Figure 13)
4. Connection successful. To use the meter, select it as the default electric meter on the device page.



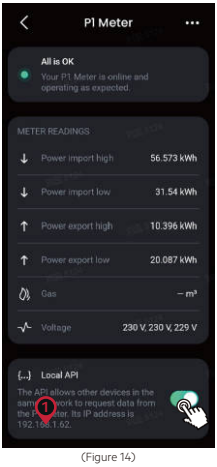
(Figure 12)



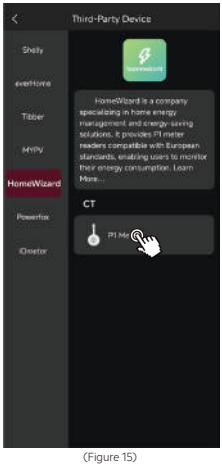
(Figure 13)



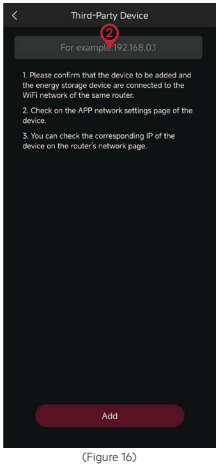
If the HomeWizard P1 meter cannot be found during the search process, please check the following:
· Make sure that the Local API is enabled in the HomeWizard APP (Figure 14)
· Use the IP address (Figure 14, marker 1) shown below to add the meter in the SUNPURA APP manually (Figure 12 - Figure 13, marker 1 - Figure 15 - Figure 16, marker 2)
(The network distribution method for Shelly meters is the same as that for P1 meters.)



(Figure 14)



(Figure 15)



(Figure 16)

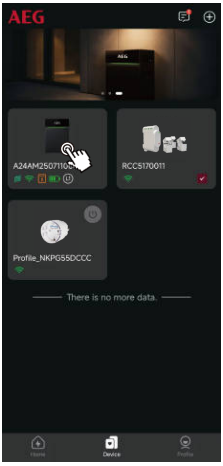
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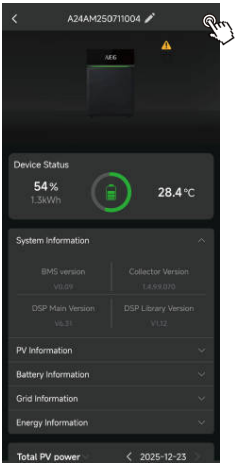
5.Device parameter setting

1. On the device page, select the device whose parameters you want to modify. (Figure 17)
2. Click the upper right corner of the device details page to enter the parameter settings page. (Figure 18)
3. Parameter Settings – Important Notes (Figure 19)

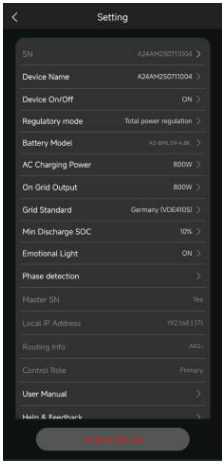
Please pay attention to the settings on this page.
The recommended default parameters are as follows:
· On Grid Output: 800 W
· AC Charging Power: 800 W
· Grid Standard: Select according to your local grid regulations
· Min Discharge SOC: 10%



(Figure 17)



(Figure 18)



(Figure 19)

6.Device Upgrade (Firmware Update)

The APP supports remote firmware upgrades for your AS-BBL09-4.8K.
Firmware updates are released to improve system stability, performance, compatibility, and to introduce new features.

1. Before You Start

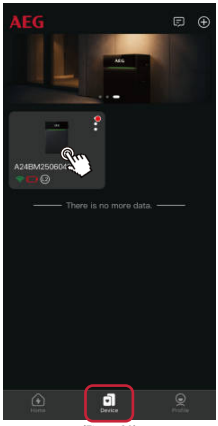
Before starting a firmware upgrade, please ensure that:
· The device is powered on
· The device is online in the APP
· The network connection (Wi-Fi) is stable **(router not be connected to the device's off-grid port)**
· The battery State of Charge (SOC) is above 20%
· The device is not in alarm or fault status

Important:
Do not power off the device, unplug any cables, or disconnect the network during the upgrade process.

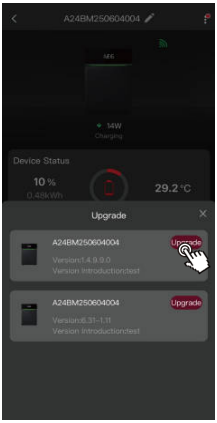
2. How to Find a New Software Package

When a new software package is available, users can find and upgrade it via the APP in two ways.
· Method 1: Upgrade via Device Details Page
(1) Open the APP and go to the Device Page.
(2) Tap the device to enter the Device Details page (Figure 20).
(3) If a new software package is available, a pop-up notification will appear automatically on this page (Figure 21).
(4) Follow the on-screen instructions and tap Upgrade to start the update.
(5) Upgrade the available software packages one by one as prompted.

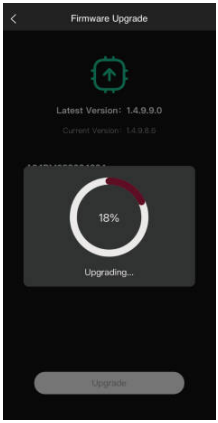
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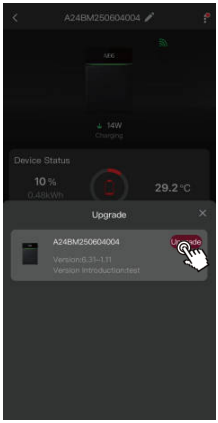
(Figure 20)



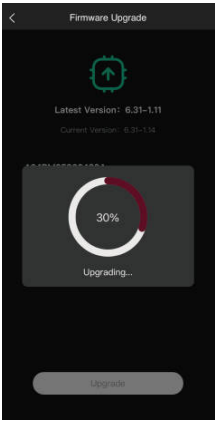
(Figure 21)



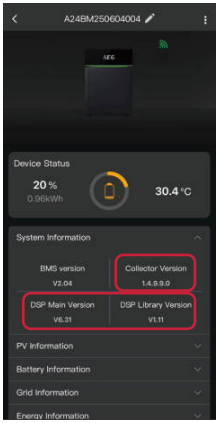
(Figure 22)



(Figure 23)



(Figure 24)



(Figure 25)

· Method 2: Upgrade via Device Settings

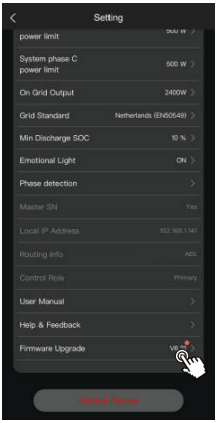
(1) On the Device Page, a red dot notification will appear on the icon in the top-right corner of the device (Figure 26).
(2) Scroll to the bottom and select Firmware Upgrade (Figure 27).
(3) A pop-up window will display the available software packages (Figure 28).
(4) Follow the on-screen instructions to upgrade the software packages one by one.

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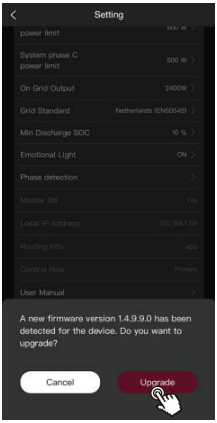
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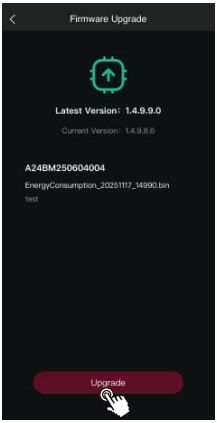
(Figure 26)



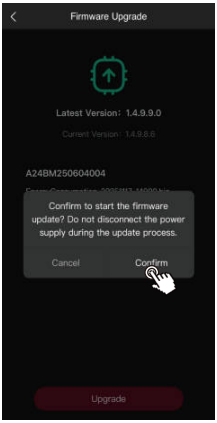
(Figure 27)



(Figure 28)



(Figure 29)



(Figure 30)



(Figure 31)

3. Upgrade Types and Order

Please upgrade the firmware step by step in the specified order.
After completing one upgrade, user must wait **30 second** before starting the next upgrade.
If the upgrade fails, it may be caused by network signal issues. Please try the upgrade several times.

4. During the Upgrade

· The upgrade process usually takes 3–15 minutes per software package.
· The device may restart automatically during the upgrade.
This behavior is normal. Please wait patiently.

Please note:

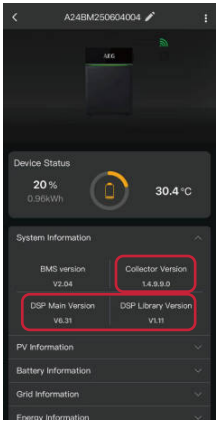
1. Do not close the APP, power off the device, or interrupt the network connection during the upgrade.
*2. During the firmware upgrade, the router **must not** be connected to the device's off-grid port. During the upgrade process, the device will restart automatically.*
If the router is connected to the off-grid port, the network connection may be interrupted during the restart, which may cause the firmware upgrade to fail.
3. If the meter or reading head goes offline after the upgrade, please try to unbind it and then reconnect it in the APP.

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5. After the Upgrade

· Once the upgrade is completed, the device will reconnect automatically.
· You can check the current firmware version under Settings——System Information.



· If the device does not come back online within 10 minutes, please:
- Refresh the APP
- Check your network connection
- Restart the device if necessary
· HomeWizard P1 Meter Offline After Device Upgrade
After a device firmware upgrade, the HomeWizard P1 meter may temporarily go offline.
Please follow the steps below:
(1) Confirm that the P1 meter is successfully connected in the HomeWizard APP.
(2) Make sure that the Local API is enabled in the HomeWizard APP.
(3) Unbind the P1 meter in the APP and then reconnect it.

6. Upgrade Failed – What to Do

If the upgrade fails or is interrupted:
· Do not worry——the device is protected against incomplete upgrades.
· Keep the device powered on and online.
· Wait a few minutes and try the upgrade again.
· If the issue persists, please contact technical support and provide:
- Device model
- Serial Number (SN)
- Screenshot of the error message (if available)

7. Notes

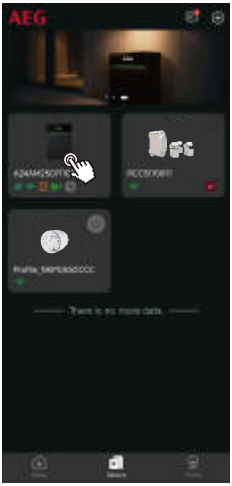
· Firmware updates are released in phases.
If no update is displayed, your device may already be running the latest version.
· Some firmware updates may be mandatory to ensure system safety, stability, and compatibility.

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7.Unbinding device

If you want to add this device to another power station, please first unbind the device from the original power station, and then add the device again in the new power station following the steps above. Unbind settings on the device settings page.

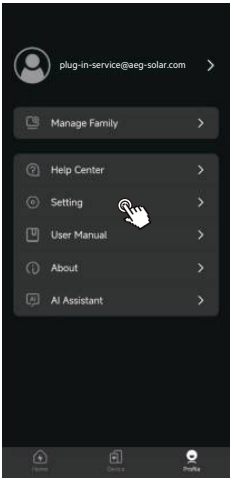




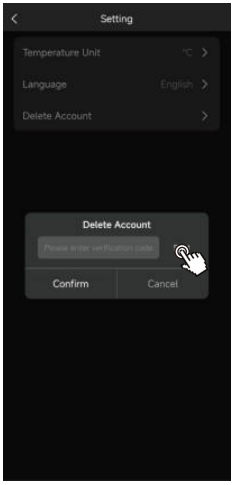


8.Delete account

On the profile page, select [Settings] --> [Delete Account], and enter the verification code sent to your registered email address to delete the account.







If you have any further questions, please don't hesitate to let us know. Our contact information is:

plug-in-service@aeg-solar.com

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