
BYD Energy – New App and System Firmware Update

Dear Valued Partners,

We are pleased to announce an upcoming update to the BYD Energy platform, scheduled for release on **Wednesday, 14 October 2026**.

This update introduces new features and improvements across the BYD residential energy storage portfolio, including **Power-Box SH, Power-Box TH, Battery-Box HVE, HVS+, HVM+, HVB and Smart WiFi/LAN Module**.

The new release brings broad optimizations and new features across App access, Quick Setup, monitoring, fault handling, system settings, grid support, AC coupling, firmware upgrades, and overall user experience. Please read the [Appendix A](#) for more details.

Important: Software and Firmware Requirements

Please **update the BYD Energy App to 1.6.16 (Android) / 1.6.18 (iOS)**. Afterwards, update the system firmware as indicated below. Note that the system will restart during the firmware update process. Please follow the update sequence below. In addition, to ensure proper system accessibility, please inform the end users to update their versions of BYD Energy App and all the components.

- **Update sequence for Power-Box systems:**
 - ① **BYD Energy app**; ② **Smart WiFi/LAN Module**; ③ **Inverter**; ④ **Battery**
- **Update sequence for Battery-Box systems with third-party inverter:**
 - ① **BYD Energy app**; ② **Smart WiFi/LAN Module**; ③ **Battery**

Please read the [Appendix B](#) for more details of update procedures.

Component	Minimum required version
BYD Energy App	iOS – V1.6.18, Android – V1.6.16
Smart WiFi/LAN Module	MCU1 – V1.3.64, MCU2 – V1.4.58
Power-Box SH	ARM – V329, DSP1 – V508, DSP2 – V103
Power-Box TH	ARM – VB01001215, DSP1 – VB01001215 DSP2 – V000007000, Safety – V000004600
HVS+, HVM+, HVB BCU	BMS – V1.37.0
HVE BCU	BMS – V1.10.0

Thank you for your continued trust and support.

BYD Energy Storage
13 October 2026

FAQ

1. What will happen if I don't follow the update sequence?

The availability of all features and seamless communication to the system depends on whether the App and all firmware components have been updated to their latest versions.

The update sequence of individual components does not affect the final outcome. Once the App and all firmware components have been upgraded to the latest versions, you will be able to use all features in this update normally.

2. How long do the App and and firmware update take?

The App update process will take approximately 2 to 3 minutes*.

The system firmware update process will take approximately 20 - 30 minutes* (Wi-Fi / Ethernet) / 40 - 50 minutes* (Bluetooth) in total. It is recommended to use Wi-Fi or Ethernet for update.

** For the laboratory test data only. The update duration depends on the number of firmware to be updated, the network environment, and the connection stability, etc.*

3. What should I do during the update?

During the Wi-Fi or Ethernet update, keep the Wi-Fi or Ethernet stable and the communication cable between the inverter and battery functioning properly.

During the Bluetooth update, please keep the phone within 5 - 6 meters of the device and a stable Bluetooth connection, and keep the communication cable between the inverter and battery functioning properly. Do not close the App, and keep the phone on the update screen constantly until the update process is done.

4. What will happen during the update?

Please be informed that the inverter cannot output during the short update process, it is recommended to perform the update at night or when not in use.

Need Assistance?

Should you have any questions or require assistance with the upgrade process, our Service Partner EFT-Systems is available to help.

Phone: +49 9352 8523999 (DE)
+44 20 3769 5998 (UK)
+39 02 8736 8364 (IT)
+34 910 60 22 67 (ES)

+33 9 73 03 39 79 (FR)
+31 85 369 6353 (NL)
+40 377 881 990 (RO)
+46 10 337 12 94 (SE)

Email: service@eft-systems.de

Updated Function List

1. Optimized APP use restrictions in VPN scenarios on Android;
2. Optimized Quick Setup flow: Internet connection now comes first, enabling firmware upgrades via Internet or Bluetooth. Also aligned system-wide settings, including battery disable for string-inverter commissioning;
3. Optimized the Overview interface: added the SOC curve and merged the counters and graph labels into a single dynamic interface that changes according to the data displayed in the graph;
4. Optimized fault details;
5. Added Quick Setup caching;
6. Added system revenue display in Overview;
7. Added inverter setting parameters, including grid types, installer grid parameter settings and support for additional grid-connected countries;
8. Added support for AC coupling, including support for the dedicated meter required for complete measurement and representation of the AC-coupled topology;
9. Added various settings. Power-Box SH: separate on-grid/off-grid minimum SOC settings; Power-Box SH/TH: Active Power Settings [Grid Feed-In Limit, Grid Purchase Limit] and Reactive Power Settings;
10. Added one-tap upgrade. From MCU1 v1.3.58 and MCU2 v1.4.40 onward, firmware upgrades can be launched for all system components;
11. Added changelog information on the welcome screen when opening BYD Energy, together with notifications for newly available firmware upgrades;
12. Improved device icons and other visual elements;
13. Corrected localisation and translation issues;
14. Fixed minor issues from the previous version and introduced overall optimizations.

Update Operation Guideline

To ensure that you can use the system functions properly, upgrade the system to at least the following version:

APP: Android 1.6.16, IOS 1.6.18

Smart WiFi/LAN module: MCU1: V1.3.64, MCU2: V1.4.58

Inverter: Power-Box SH: ARM: V329

DSP1: V508

DSP2: V103

Power-Box TH: ARM: VB01001215

DSP1: VB01001215

DSP2: V000007000

Safety: V000004600

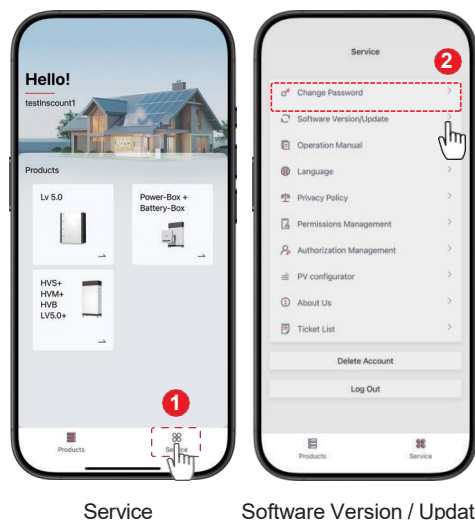
Battery: HVS+, HVM+, HVB: BMS – V1.37.0

HVE: BMS – V1.10.0

If the system does not meet the minimum requirements above detailed, please follow the instructions below.

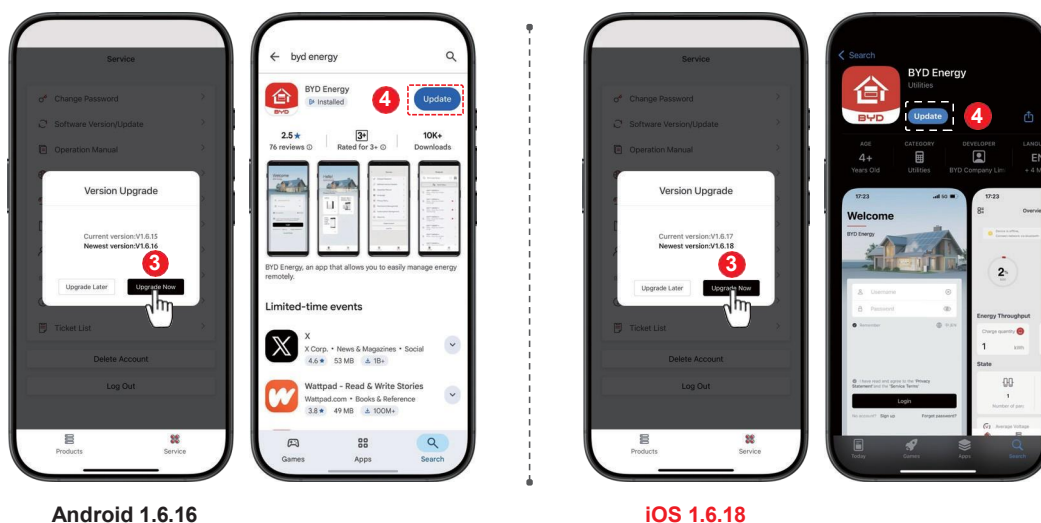
First upgrade BYD Energy app, then upgrade the firmware of the Smart WiFi/LAN module. Finally, upgrade the firmware of the inverter.

1. How to upgrade BYD Energy app to **Android v1.6.16** / **iOS v1.6.18**



Service

Software Version / Update



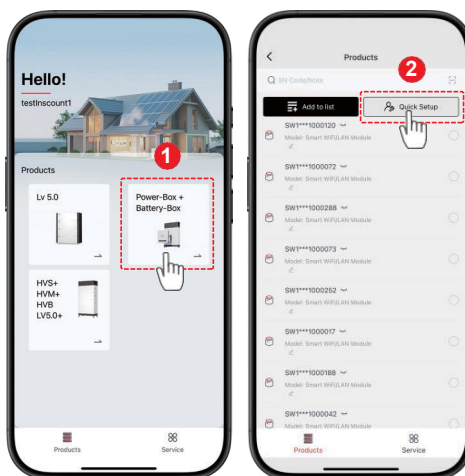
Android 1.6.16

iOS 1.6.18

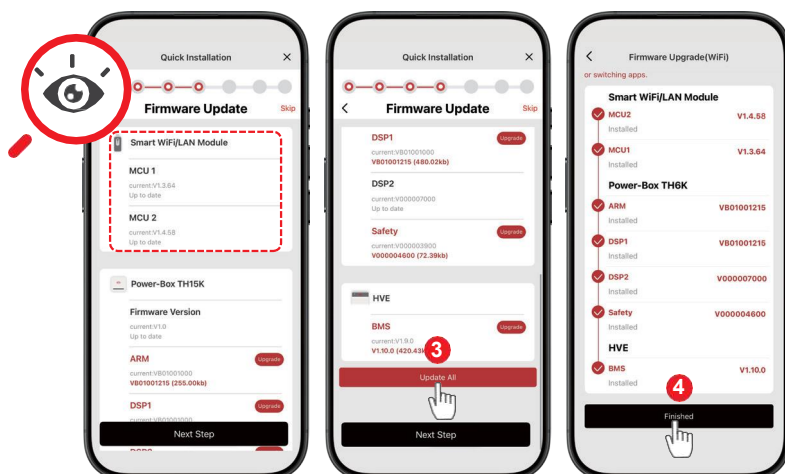
Alternatively, you can also go directly to the Apple App Store / Google Play store to upgrade BYD Energy app.

2. Installer – Upgrading a New System (Quick Setup Not Completed)

Power-Box systems:



If your Smart WiFi/LAN module meets the version requirements — **at least MCU1: V1.3.64 and MCU2: V1.4.58** — you can upgrade directly using the “Update All” Upgrade feature.



Once the upgrade is completed, ensure that your system is running at least the following versions:

BYD Energy
Android v1.6.16; iOS 1.6.18

Smart WiFi/LAN module
MCU1 V1.3.64 – MCU2 V1.4.58

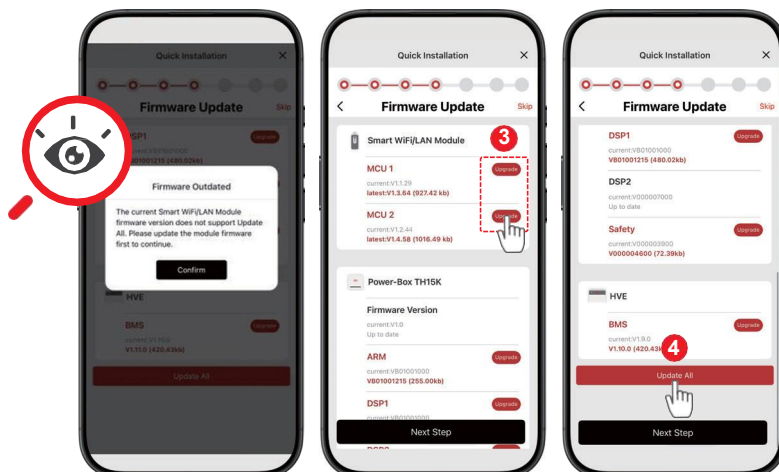
Power-Box SH
ARM V329 – DSP1 V508 – DSP2 V103

Power-Box TH
ARM VB01001215 – DSP1 VB01001215 –
DSP2 V000007000 – Safety V000004600

HVS+, HVM+, HVB
BMS – V1.37.0

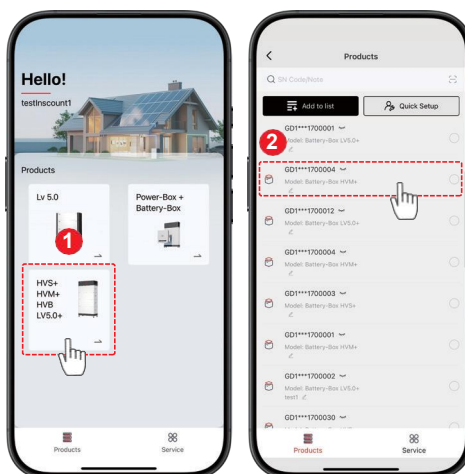
HVE
BMS – V1.10.0

If the Smart WiFi/LAN module has not been upgraded to MCU1 V1.3.64 and MCU2 V1.4.58, clicking “Update All” will display the following prompt. You should upgrade MCU1 and MCU2 separately first, then click “Update All” to upgrade other firmware.

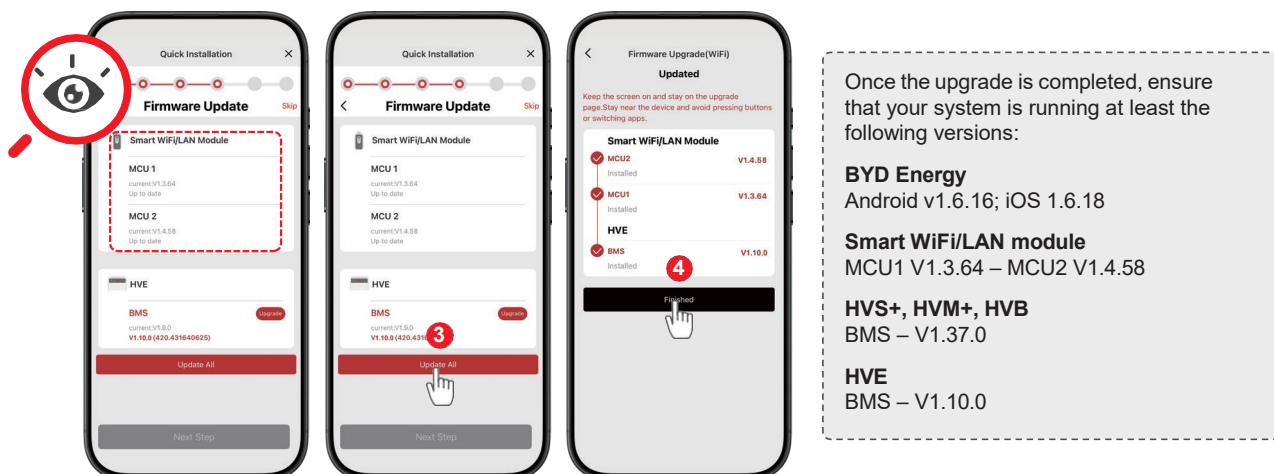


2. Installer – Upgrading a New System (Quick Setup Not Completed)

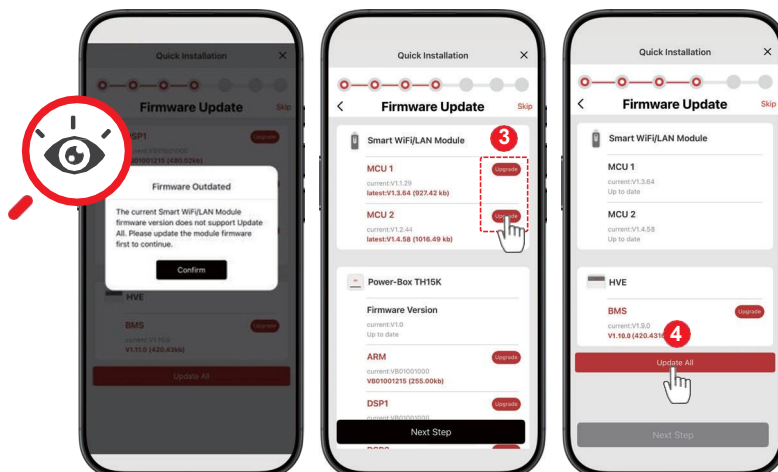
Battery-Box systems with third-party inverter:



If your Smart WiFi/LAN module meets the version requirements — **at least MCU1: V1.3.64 and MCU2: V1.4.58** — you can upgrade directly using the “Update All” Upgrade feature.

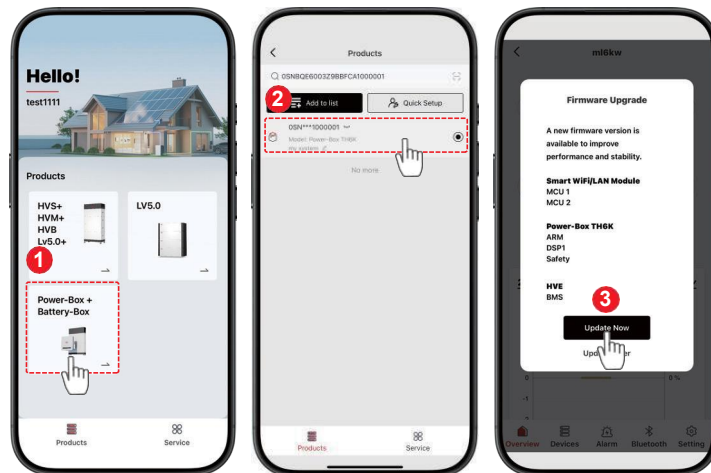


If the Smart WiFi/LAN module has not been upgraded to MCU1 V1.3.64 and MCU2 V1.4.58, clicking “Update All” will display the following prompt. You should upgrade MCU1 and MCU2 separately first, then click “Update All” to upgrade other firmware.

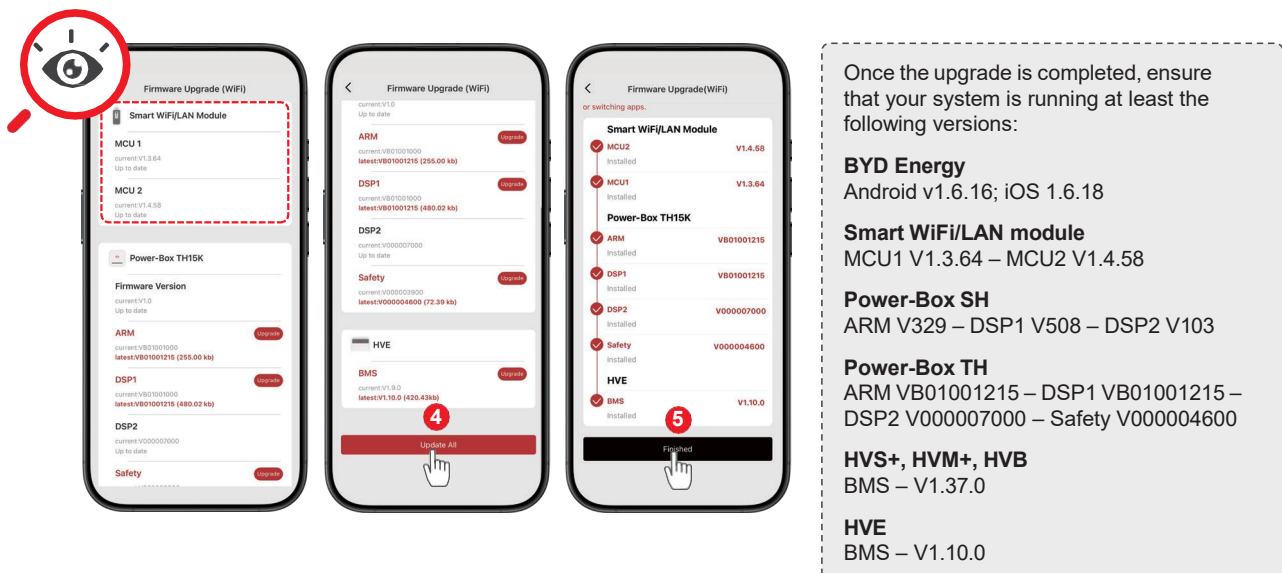


3. Installer – Upgrading an Existing System (Quick Setup Completed)

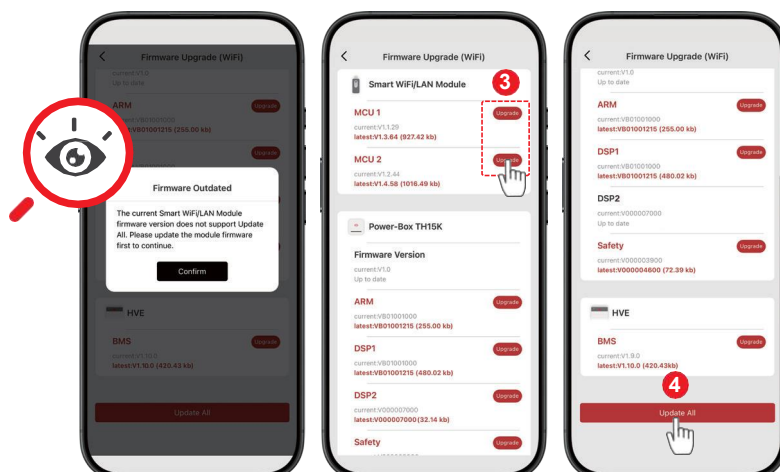
Power-Box systems:



If your Smart WiFi/LAN module meets the version requirements — **at least MCU1: V1.3.64 and MCU2: V1.4.58** — you can upgrade directly using the “Update All” Upgrade feature.

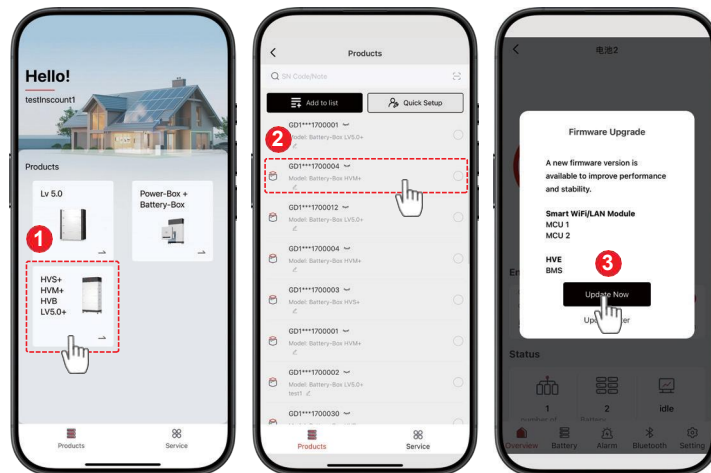


If the Smart WiFi/LAN module has not been upgraded to MCU1 V1.3.64 and MCU2 V1.4.58, clicking “Update All” will display the following prompt. You should upgrade MCU1 and MCU2 separately first, then click “Update All” to upgrade other firmware.

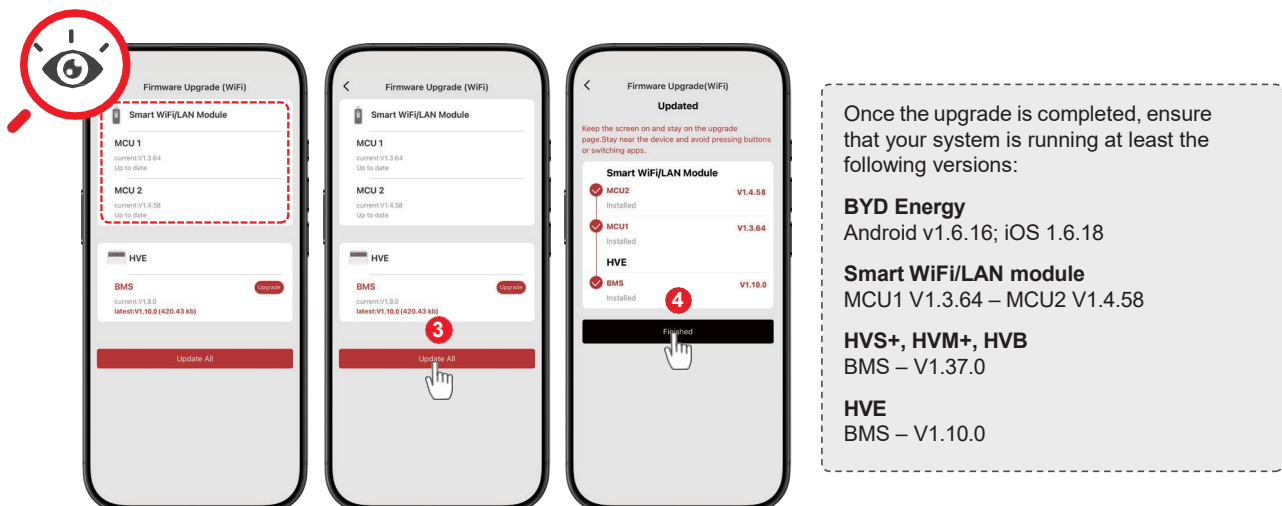


3. Installer – Upgrading an Existing System (Quick Setup Completed)

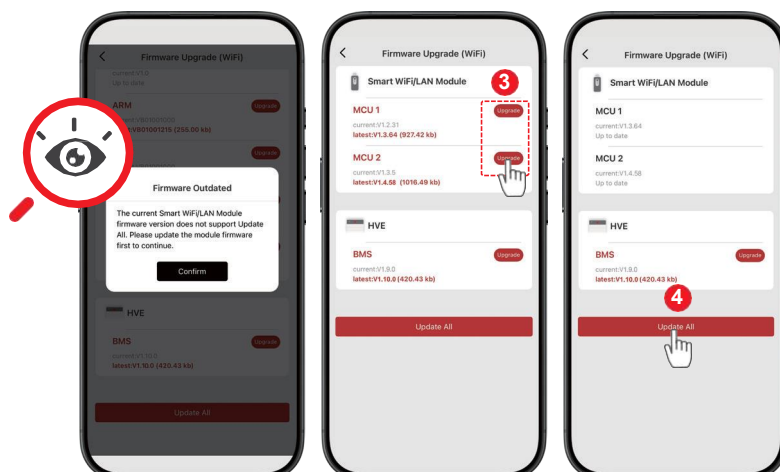
Battery-Box systems with third-party inverter:



If your Smart WiFi/LAN module meets the version requirements — **at least MCU1: V1.3.64 and MCU2: V1.4.58** — you can upgrade directly using the “Update All” Upgrade feature.

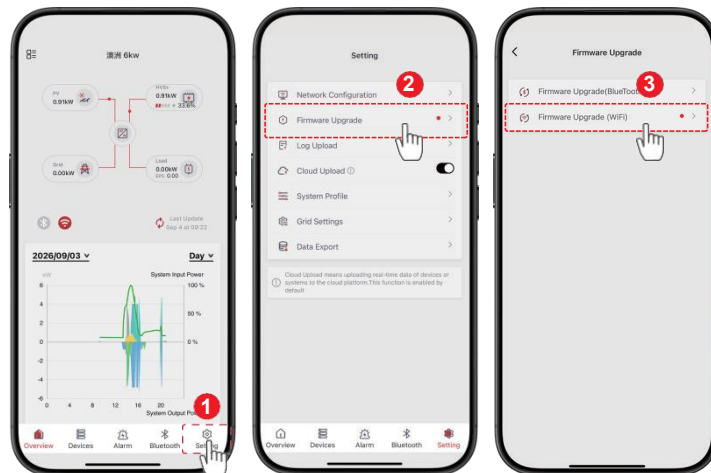


If the Smart WiFi/LAN module has not been upgraded to MCU1 V1.3.64 and MCU2 V1.4.58, clicking “Update All” will display the following prompt. You should upgrade MCU1 and MCU2 separately first, then click “Update All” to upgrade other firmware.

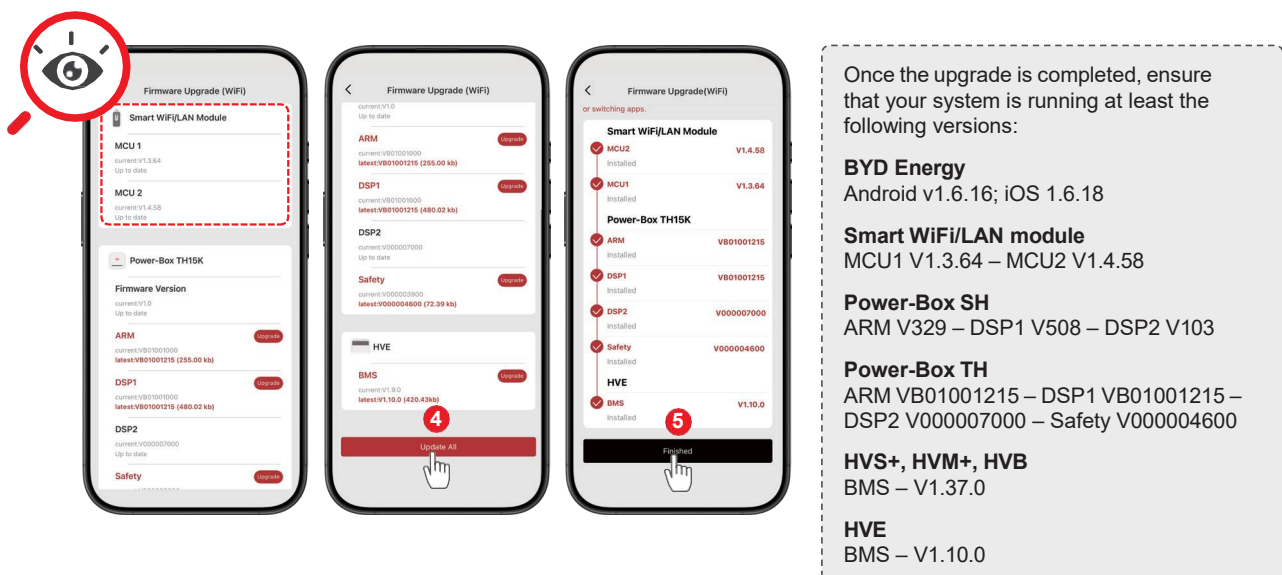


4. Homeowner – Upgrading an Existing System

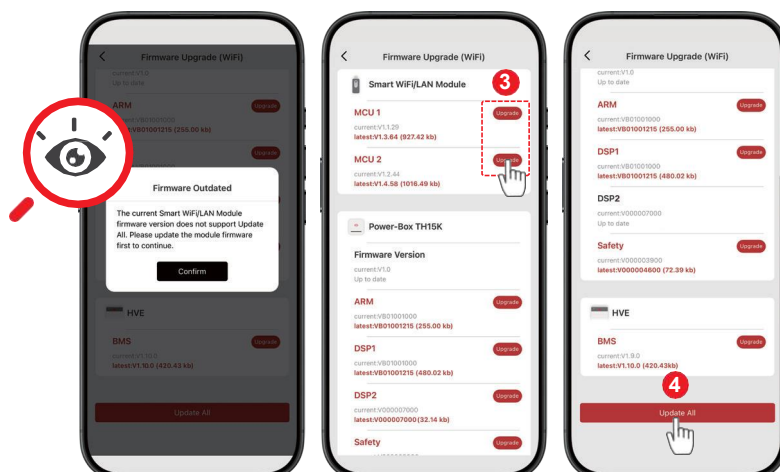
Power-Box systems:



If your Smart WiFi/LAN module meets the version requirements — **at least MCU1: V1.3.64 and MCU2: V1.4.58** — you can upgrade directly using the “Update All” Upgrade feature.

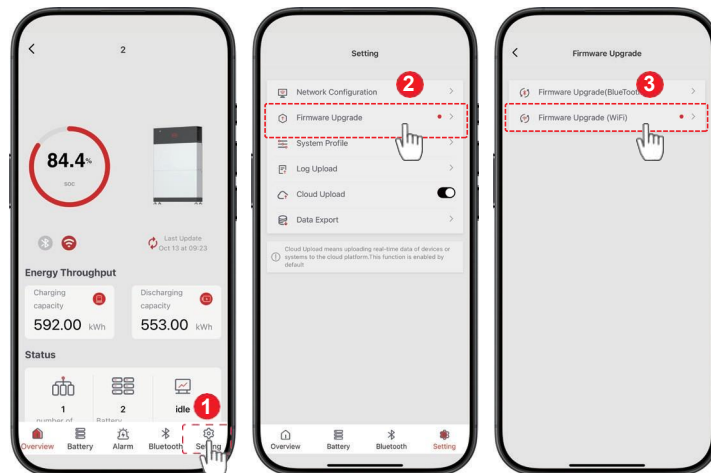


If the Smart WiFi/LAN module has not been upgraded to MCU1 V1.3.64 and MCU2 V1.4.58, clicking “Update All” will display the following prompt. You should upgrade MCU1 and MCU2 separately first, then click “Update All” to upgrade other firmware.

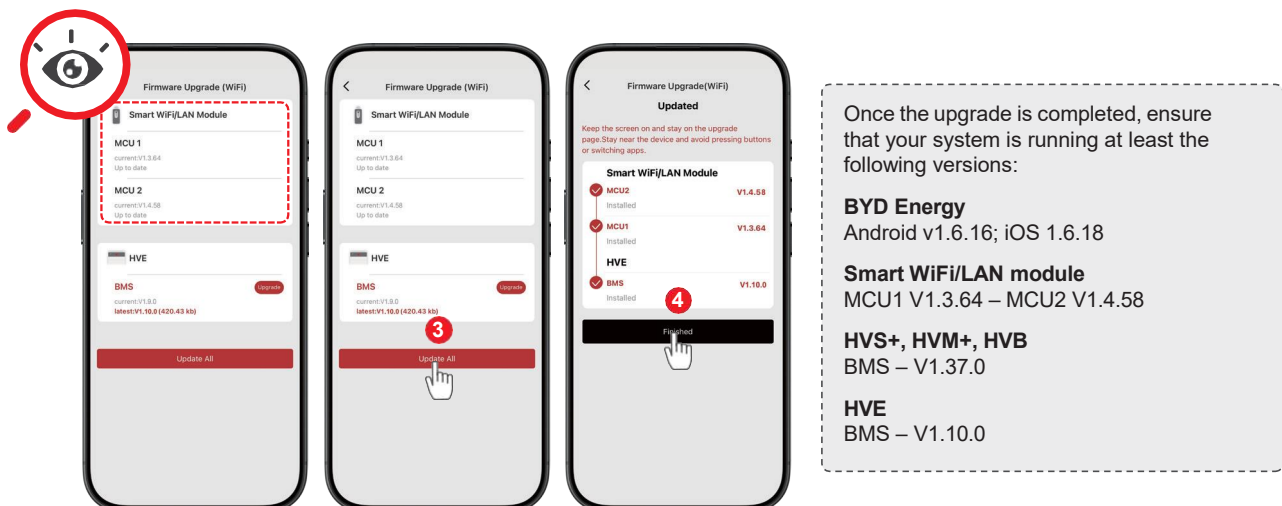


4. Homeowner – Upgrading an Existing System

Battery-Box systems with third-party inverter:



If your Smart WiFi/LAN module meets the version requirements — **at least MCU1: V1.3.64 and MCU2: V1.4.58** — you can upgrade directly using the “Update All” Upgrade feature.



If the Smart WiFi/LAN module has not been upgraded to MCU1 V1.3.64 and MCU2 V1.4.58, clicking “Update All” will display the following prompt. You should upgrade MCU1 and MCU2 separately first, then click “Update All” to upgrade other firmware.

