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

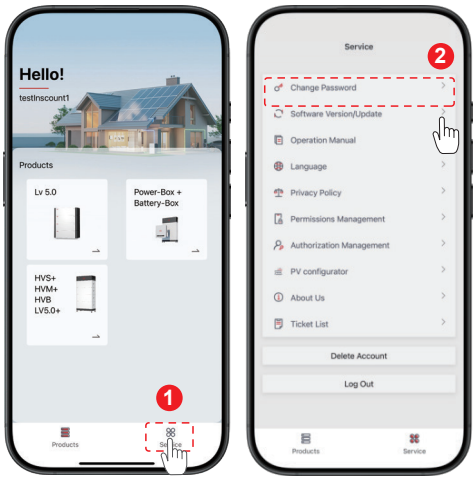
Power-Box TH: ARM: VB01001215
DSP1: VB01001215
DSP2: V000007000
Safety: V000004600

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

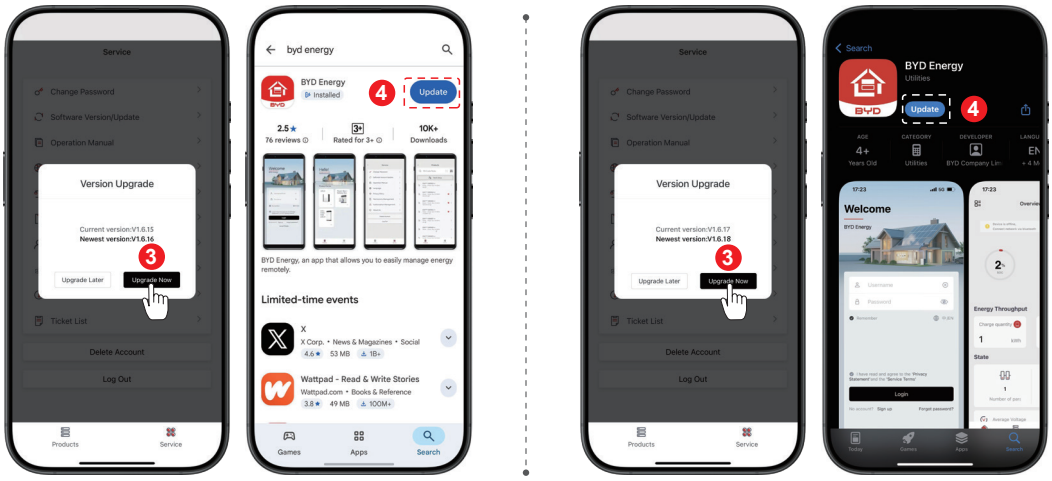
HVE: BMS: V1.10.0

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

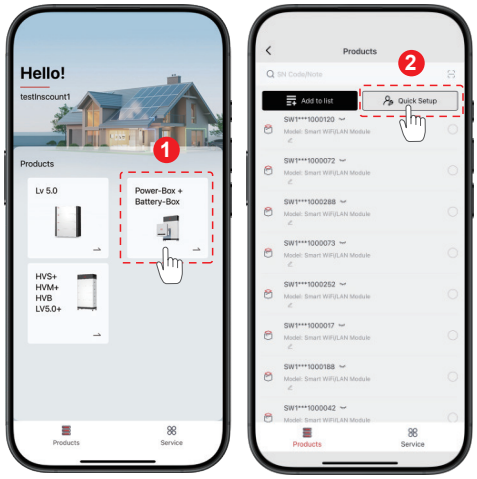


Android 1.6.16 **iOS 1.6.18**

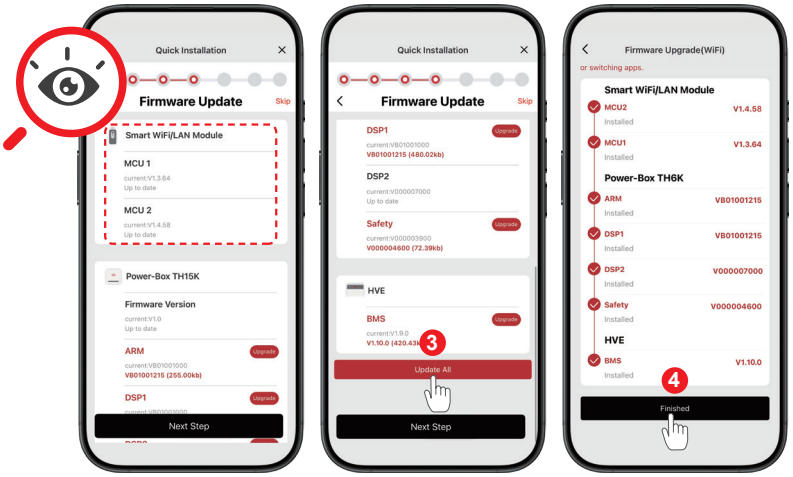
Alternatively, you can also go directly to the Apple App Store / Google Play store to upgrade BYD Energy app.

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

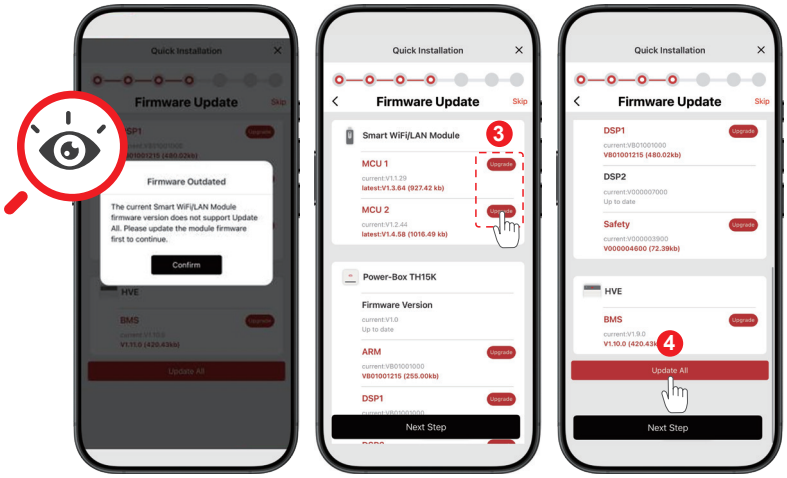
Power-Box SH
ARM V329 – DSP1 V508 – DSP2 V103

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

HVS+, HVM+, HVB
BMS – V1.37.0

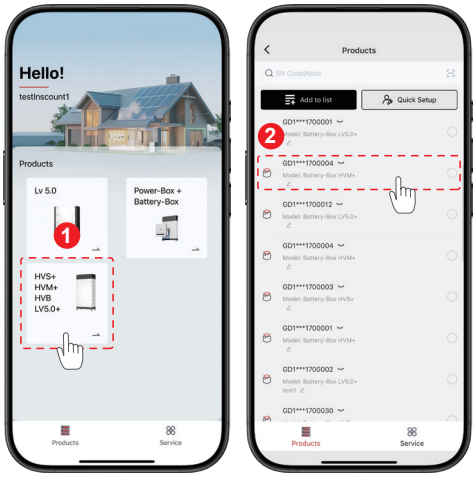
HVE
BMS – V1.10.0

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.

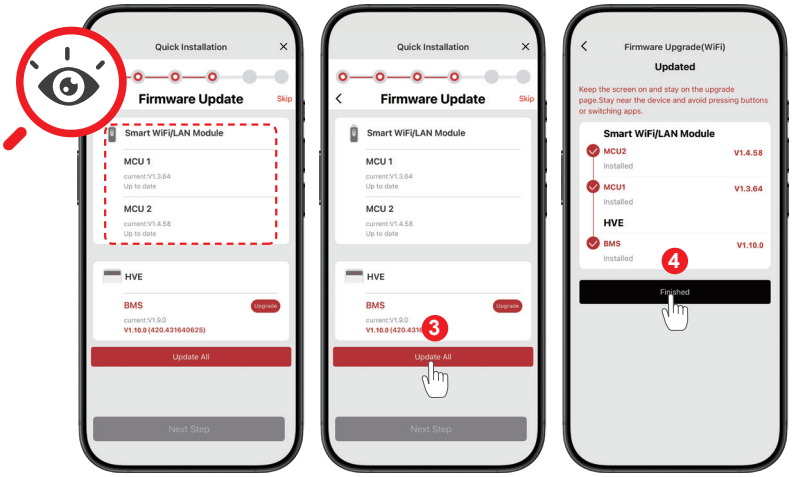


2. **Installer** – Upgrading a New System (Quick Setup Not Completed)

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.



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

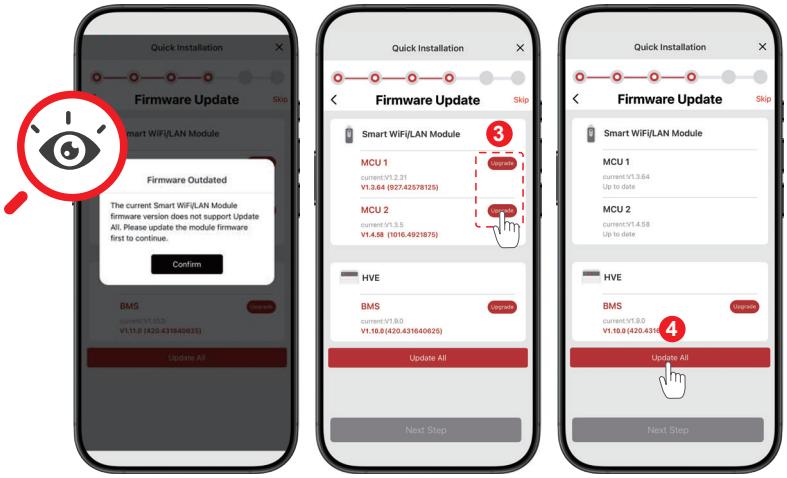
BYD Energy
Android v1.6.16; iOS 1.6.18

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

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.

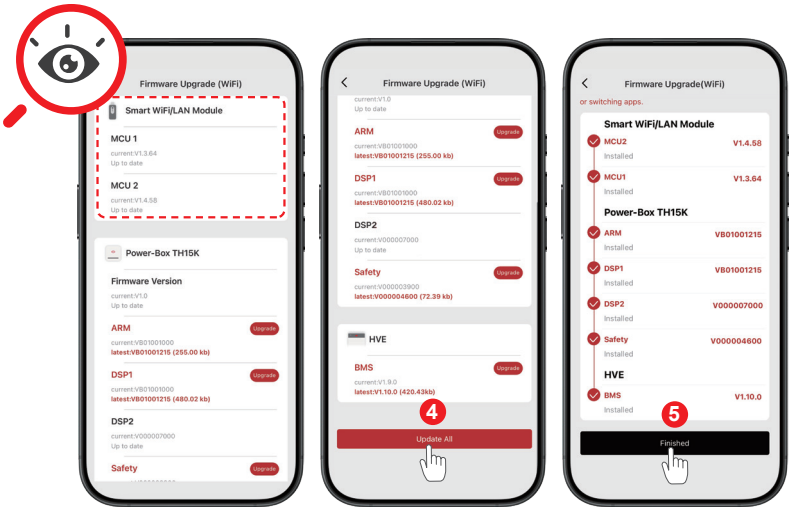


3. **Installer** – Upgrading an Existing System (Quick Setup Completed)

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.



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

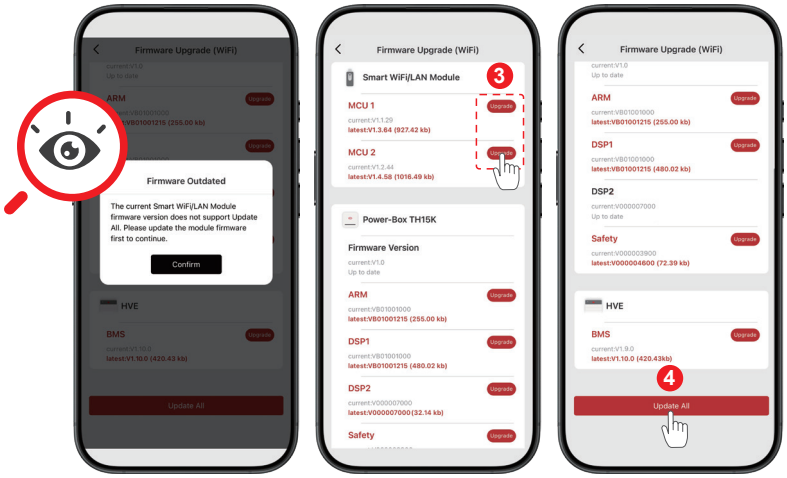
Power-Box SH
ARM V329 – DSP1 V508 – DSP2 V103

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

HVS+, HVM+, HVB
BMS – V1.37.0

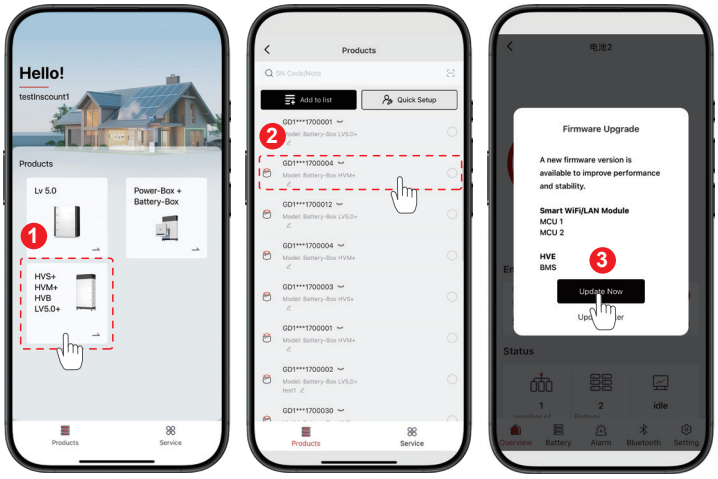
HVE
BMS – V1.10.0

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.

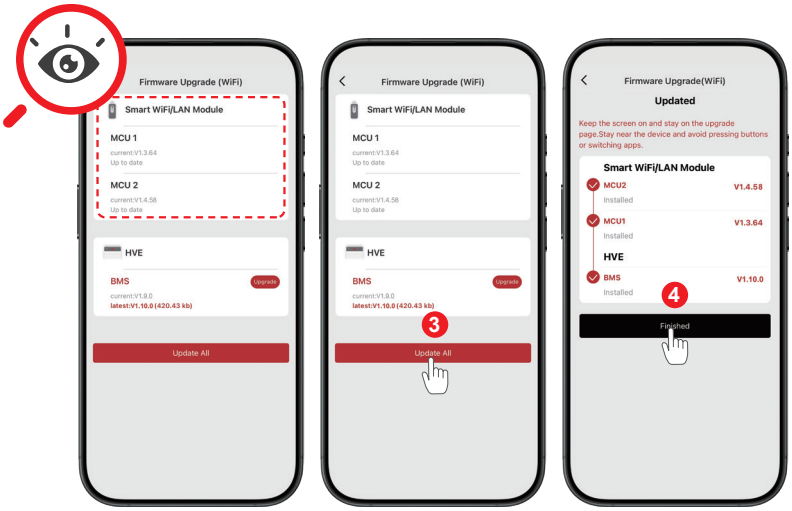


3. **Installer** – Upgrading an Existing System (Quick Setup Completed)

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.



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

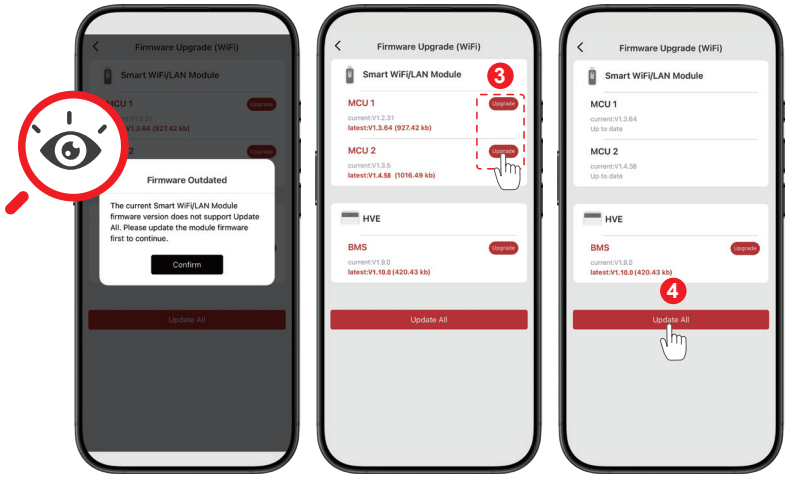
BYD Energy
Android v1.6.16; iOS 1.6.18

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

HVS+, HVM+, HVB
BMS – V1.37.0

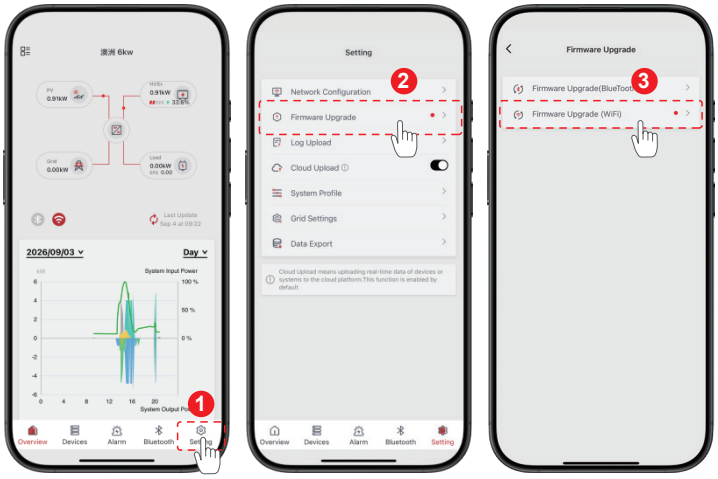
HVE
BMS – V1.10.0

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.

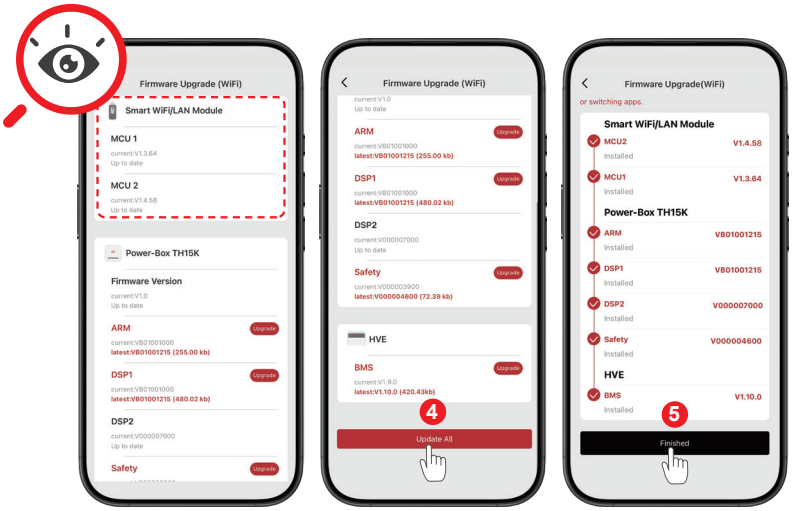


4. **Homeowner** – Upgrading an Existing System

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.



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

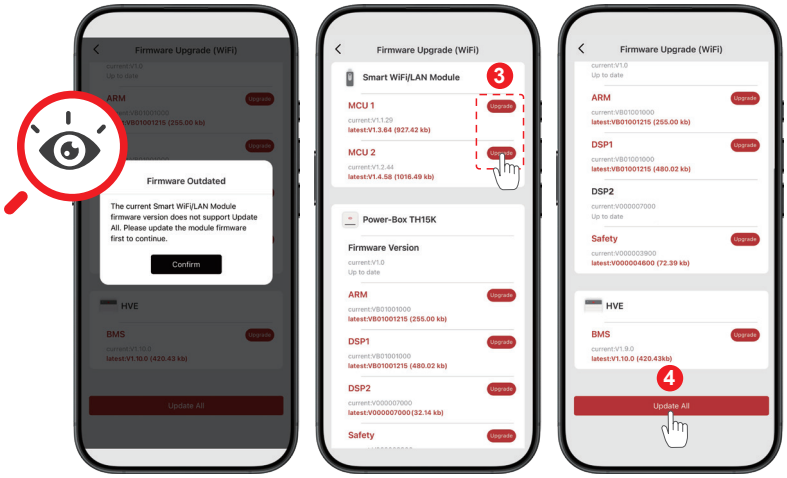
Power-Box SH
ARM V329 – DSP1 V508 – DSP2 V103

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

HVS+, HVM+, HVB
BMS – V1.37.0

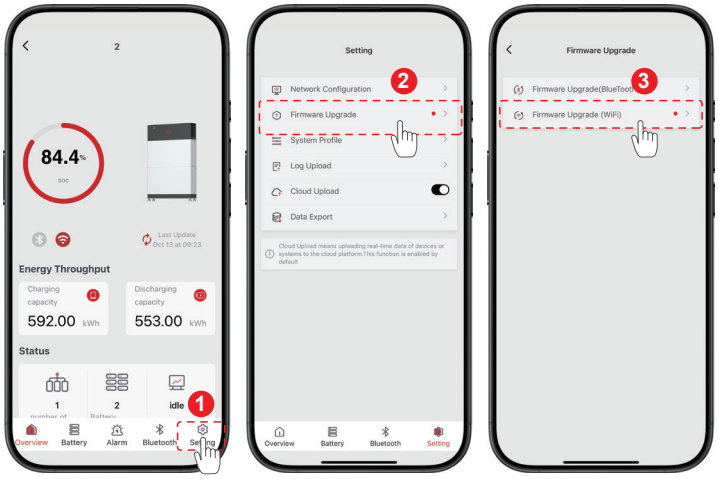
HVE
BMS – V1.10.0

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.

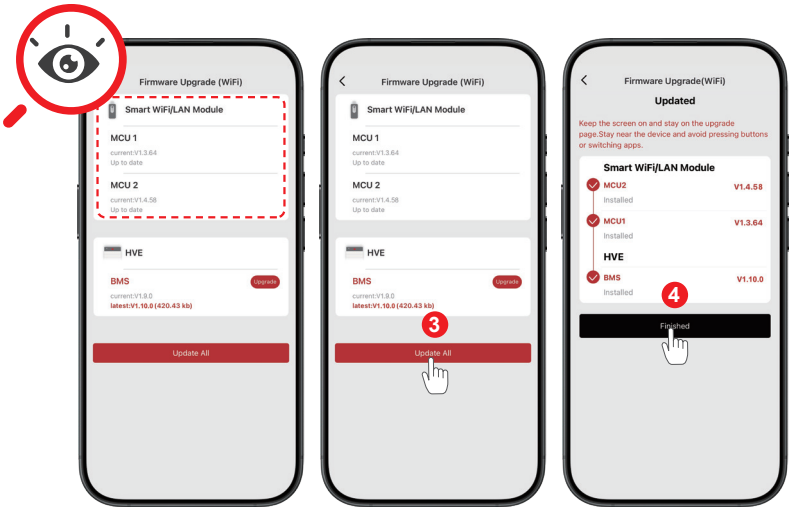


4. **Homeowner** – Upgrading an Existing System

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.



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

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.

