Micro Energy Storage

Release Notes

MS-A2/HiBattery 1920 AC

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1. Product Information

1.1 Product Version

Item	HiBattery 1920 AC	MS-A2-FX
Communication Module Version	V01.03.02	V01.07.02
Inverter Version	V01.03.02	V01.07.02
BMS Version	V01.00.02.06	V1.1.13.0
LED Version	V00.00.06	—

1.2 Related Product Version

Related Product	S-Miles Home APP
Recommended Version	V2.11.0
Matching Relationship	This and later version

2. New features in this version

2.1 Three-phase System EPS Function Support.

When micro-storage units form a three-phase system, the integrated EPS function is available. The EPS mode can be activated on the master unit of each phase. In the event of mains power failure, the system switches to off-grid output instantly to sustain emergency power supply for loads. (No APP interface changes are involved in this upgrade.)

2.2 Low-power Operation Optimization for Three-phase Systems.

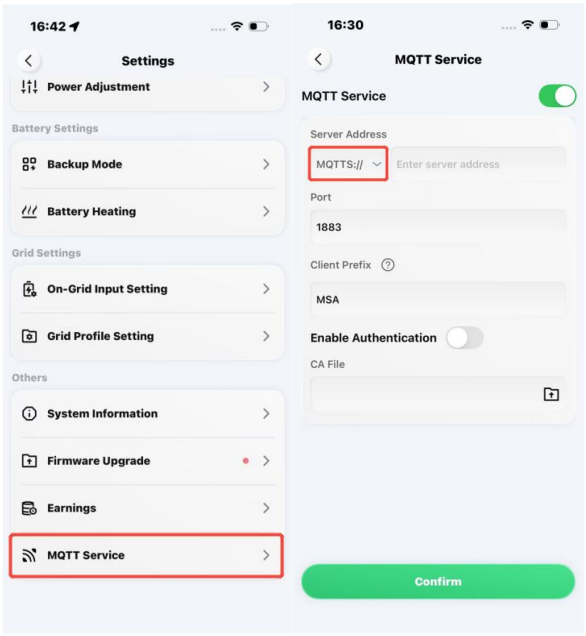
When the three-phase system operates at low power, it intelligently turns off micro-storage units connected to a specific phase based on battery SOC and load conditions, improves energy efficiency under low-load operation.

2.3 TOU-AI Optimization

The number of AI-generated charge-discharge time segments has been expanded. The system updates power consumption strategies at a higher frequency with refined charge-discharge scheduling, delivering better performance for self-consumption of PV power and peak-valley arbitrage. (No APP interface changes are involved in this upgrade.)

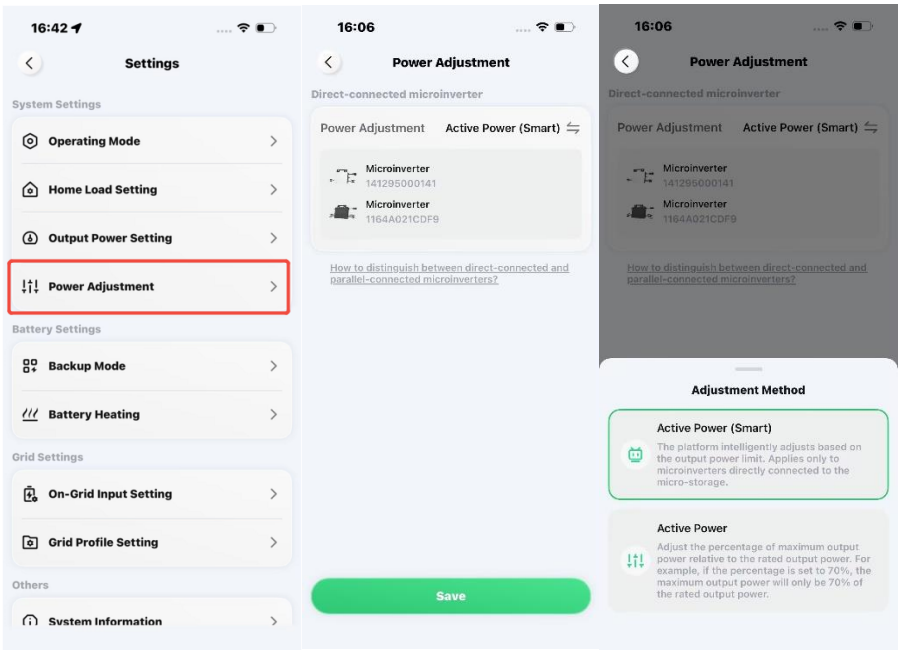
2.4 MQTTS Rule Enhancement on Device Side

A TLS encrypted transmission mechanism is newly added. The device automatically verifies the server certificate when connecting to the MQTT cloud server, strengthening data transmission security and preventing communication data leakage risks.



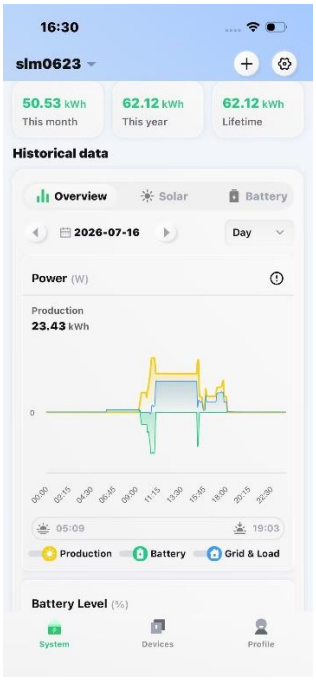
2.5 Cloud Power Control Optimization

Compatible with DTU-Lite paired with micro-inverters and HMS-W series models. After cloud networking between the device and micro-storage systems, users can manually disable the cloud automatic power control function directly in the APP to independently manage output power.



2.6 Historical Data Processing

Historical operating data generated during device offline status will be automatically backfilled after network reconnection, and complete historical records will be displayed on the APP.



2.7 Known Issue Rectification

Various known faults of DSP computation, communication modules and Battery Management System (BMS) from the previous version are fixed to enhance overall unit operational stability.