

Micro Energy Storage
Release Notes

MS-A2/HiBattery 1920 AC

Issue Date: 09.01.2026

Contents

1 Overview	3
2 Firmware and Software Versions Included in This Release.....	3
3 What's New.....	3
3.1 Hybrid System Compatibility Expansion.....	3
3.2 Emergency Power Supply (EPS) Function.....	4
3.3 Support for Hoymiles P1 Meter and HMeter-T120-RW	5
3.4 MQTT Configuration Support for HiBattery AC	6
3.5 Other Improvements	7

1 Overview

This release introduces new capabilities and visual enhancements for the HiBattery 1920 AC and MS-A2. These improvements enhance scalability, usability, and monitoring experience for home energy users.

2 Firmware and Software Versions Included in This Release

Item	HiBattery 1920 AC	MS-A2-FX
Communication Module	V01.02.02	V01.06.02
Inverter	V01.02.02	V01.06.03
BMS	V01.00.02.03	V1.1.13.0
LED	V00.00.06	—

Related Product	S-Miles Home App
Recommended Version	V2.7.0
Compatibility	This and later versions

3 What's New

3.1 Hybrid System Compatibility Expansion

You can now combine MS-A2 and HiBattery 1920 AC in the same system. But,

- A single system supports up to 6 devices in total (any combination of MS-A2 and HiBattery AC).
- All devices must be upgraded to the latest firmware before being added to the same system.

For system limits or behavior of earlier versions, refer to previous release notes.



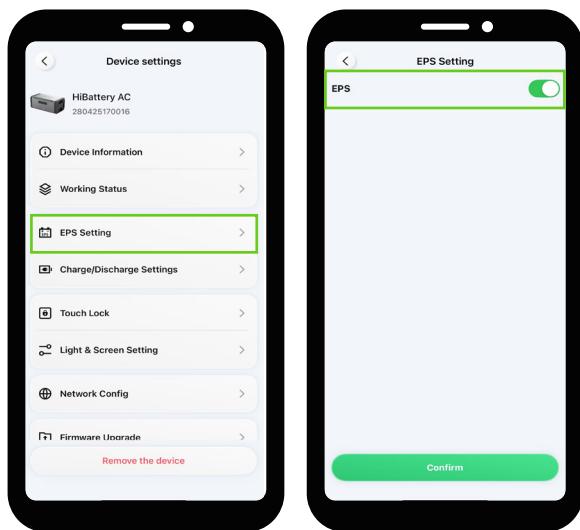
3.2 Emergency Power Supply (EPS) Function

The EPS function is now supported on both MS-A2 and HiBattery 1920 AC. When EPS is enabled, the system automatically switches to off-grid mode during a grid outage and supplies power to the backup load.

How to Enable EPS in the S-Miles Home App

Step 1: Enable EPS in the device settings.

Step 2: Connect the backup load to the device's off-grid (EPS) port.



Step 1

Step 2

3.3 Support for Hoymiles P1 Meter and HMeter-T120-RW

You can now add and monitor a Hoymiles P1 Meter/HMeter-T120-RW in your system.

P1 meter is shown as an example. The procedure is the same for HMeter-T120-RW.

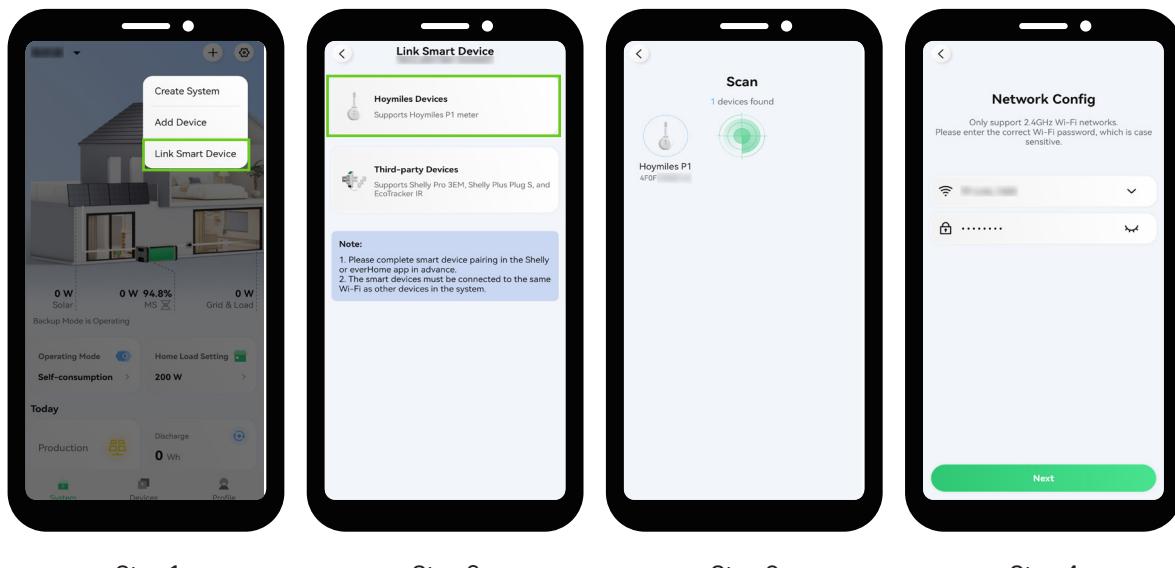
How to Add a P1 Meter in the S-Miles Home App

Step 1: Tap **Link Smart Device**.

Step 2: Select Hoymiles Devices.

Step 3: Scan and select the Hoymiles P1 Meter.

Step 4: Follow the on-screen instructions to configure the network.



Step 1

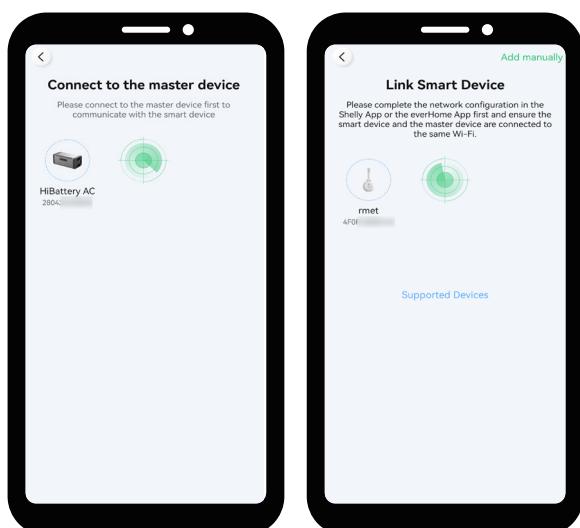
Step 2

Step 3

Step 4

Step 5: Select the master device to which the P1 Meter will connect.

Step 6: Select Hoymiles P1 Meter to connect to the master device and confirm the connection.

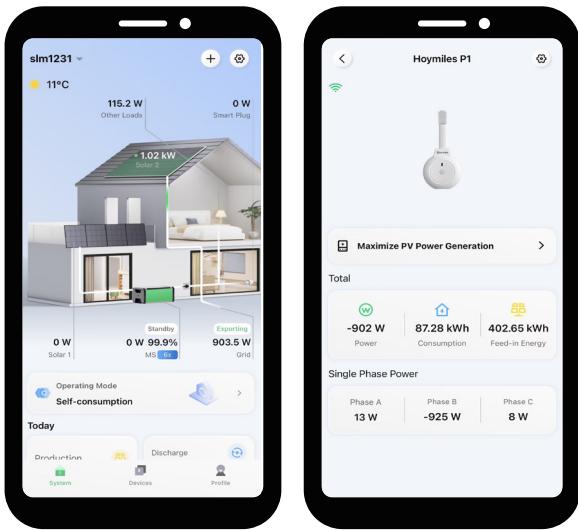


Step 5

Step 6

View Meter Data

Grid power data measured by the P1 Meter/HMeter-T120-RW is displayed as Grid data on the system homepage. Detailed P1 meter information is available under **Device List > Hoymiles P1 Meter/HMeter-T120-RW**.

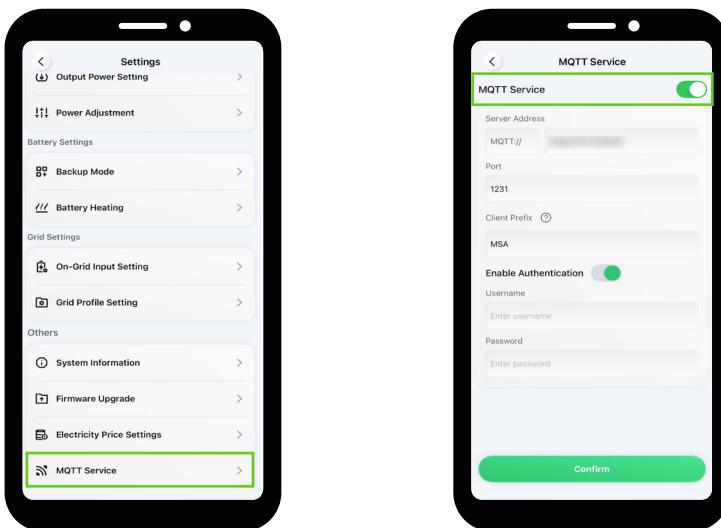


3.4 MQTT Configuration Support for HiBattery AC

HiBattery 1920 AC now supports MQTT configuration, enabling integration with third-party platforms for:

- Data acquisition
- Power monitoring
- Power control

This allows more flexible system integration and advanced energy management.



3.5 Other Improvements

- Optimized AI algorithms in Time-of-Use (TOU) mode
- Improved visual design of energy flow diagrams on the system page
- Support for adding the S-Miles Home widget to the phone home screen to display key system parameters

