

## Micro Energy Storage

# Release Notes

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MS-A2

Issue Date: 17.02.2025

## Contents

1. Product Information .....	3
1.1 Product Version.....	3
1.2 Related Product Version .....	3
2. New features in this version .....	3
2.1 Supported adding Ecotracker.....	3
2.2 Supported charging in Off-Grid state by microinverter. ....	3
3. New feature instructions.....	4
3.1 Adding Ecotracker. ....	4
3.2 Charging in Off-Grid state by microinverter .....	5
4. Other improvements.....	5

## 1. Product Information

### 1.1 Product Version

Product Name	<b>Micro Energy Storage</b>
Product Model	MS-A2-FX
Communication Module Version	V01.04.01
Inverter Version	V1.04.01
BMS Version	V1.1.13.0

### 1.2 Related Product Version

<b>Related Product</b>	APP
<b>Product Name</b>	S-Miles Home
<b>Recommended Version</b>	V1.5.0
<b>Matching Relationship</b>	This and later version

## 2. New features in this version

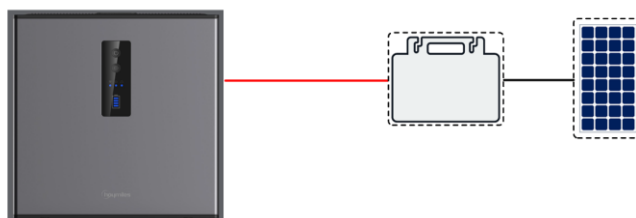
### 2.1 Supported adding Ecotracker.

Ecotracker can monitor power consumption in real time and can be used in conjunction with MS-A2 to realize the export management (Feed-in power to Grid) function.



### 2.2 Supported charging in Off-Grid state by microinverter.

When MS-A2 is not connected to the grid, the microinverter can charge the MS-A2 by connecting to the Off-Grid port of MS-A2.

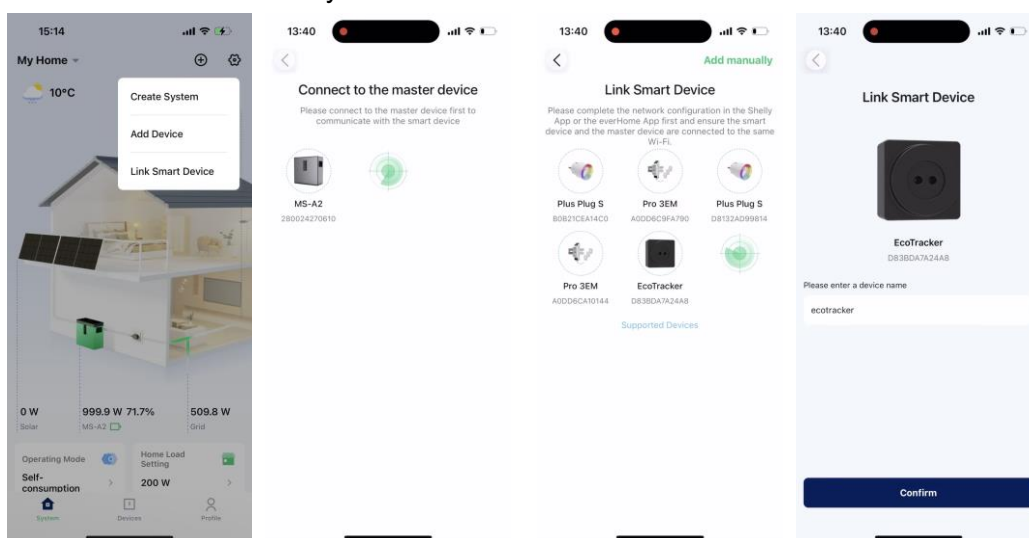


### 3. New feature instructions

#### 3.1 Adding Ecotracker.

##### 3.1.1 Adding Ecotracker process

1. Created a system with MS-A2.
2. Click “Link Smart Device”
3. Click MS-A2 icon
4. Click Ecotracker icon
5. Enter a device name
6. Ecotracker added successfully.



*Notes: Ecotracker to be added in the MS-A2 system needs to be configured to the same Wi-Fi router as the micro-storage device.*

*Only one smart meter(Ecotracker or Shelly Pro 3EM) can be added in a micro-storage system, which is added by default on the grid side.*

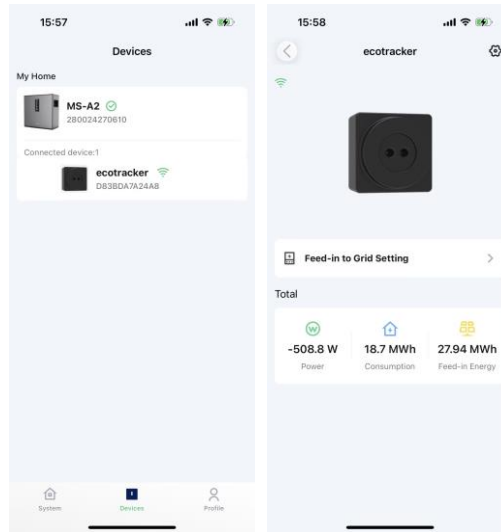
##### 3.1.2 Viewing Ecotracker device

The power measured by Ecotracker can be easily seen on the homepage of the system, as the Grid data.



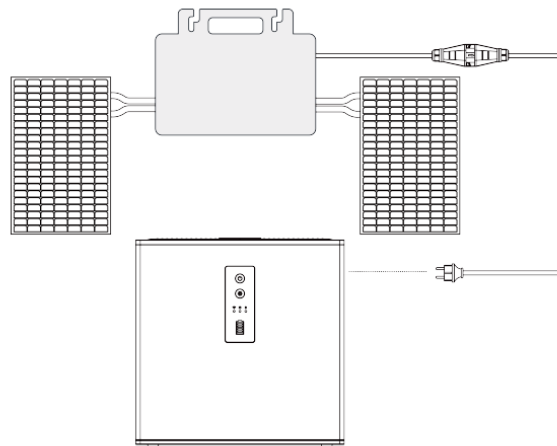
For more information about Ecotracker, you can click the device list on the page of Devices, and check the

page of Ecotracker. Meter data and export management (Feed-in power to Grid) setting can be seen on the page of Ecotracker.



### 3.2 Charging in Off-Grid state by microinverter

1. Confirm that the MS On-Grid port is not connected.
2. Press power button twice in succession to enable the Off-Grid mode.
3. Connect the microinverter to the MS-A2.



## 4. Other Improvements

- 1) Supported adding smart devices(Shelly devices/Ecotracker) by adding IP addresses
- 2) Supported customizing names for smart devices
- 3) Optimized power flow diagram display
- 4) Added operating mode and electricity management status display in the system homepage
- 5) Added battery SOC curve display in the system page
- 6) Added battery temperature display in the device page
- 7) Adjustment of the output power limit from 1000W to 2000W