DISCOVER ENERGY SYSTEMS

TECHNICAL SERVICE BULLETIN

Two Inverters on One AES 210HV

CSB Number	855-0027 REV A
Date	June 1, 2026

URGENCY

- ○ **HIGH:** Action immediately
- ● **MEDIUM:** Action when possible
- ○ **LOW:** Action if necessary
- ○ **INFORMATION ONLY**

Effective June 1, 2026, Discover Energy Systems no longer supports AES 210HV systems where **two Sol-Ark or Solis hybrid inverters connect to one cabinet** (a 2:1 inverter to cabinet configuration).

Sol-Ark has identified a hardware limitation associated with connecting two of its hybrid inverters to a single battery cabinet. Neither Sol-Ark nor Solis approves or warrants configurations in which two hybrid inverters share a single battery cabinet. Accordingly, Discover Energy Systems no longer supports this system configuration.

Earlier Discover integration guides and collateral listed two inverters on one cabinet as a standard configuration. That content is withdrawn and is superseded by this bulletin.

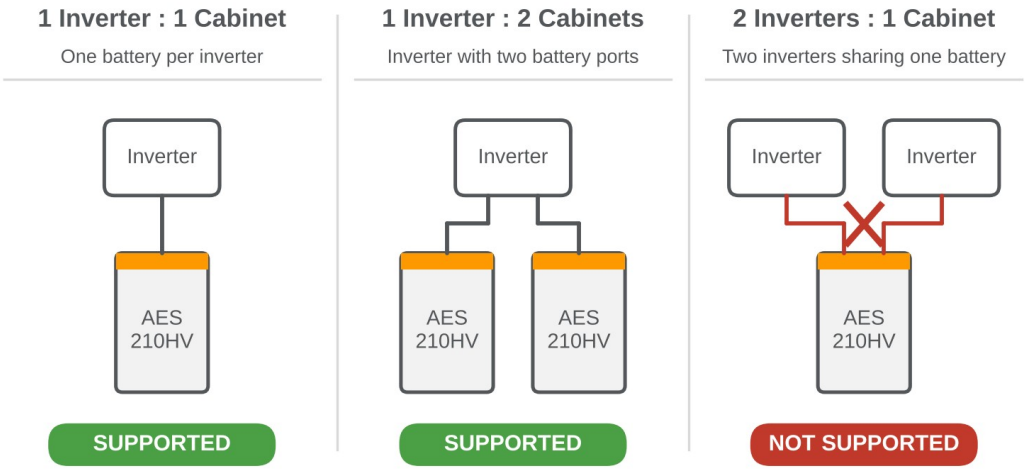

Figure 1. Supported and unsupported Sol-Ark or Solis inverter to AES 210HV configurations

PRODUCTS AFFECTED

AES Cabinet Solutions:

- AES 210HV (CAB-210), all serial numbers.
- When paired with Sol-Ark or Solis hybrid inverters.

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Configuration affected

- Two Sol-Ark or Solis hybrid inverters with their battery inputs connected to the DC output of a single AES 210HV.
- This includes installations that use two LYNK II Gateways with the Multi LYNK setting so two inverters can read one cabinet.

SUPPORTED CONFIGURATIONS

The following inverter to cabinet ratios apply to new AES 210HV systems with Sol-Ark or Solis hybrid inverters:

Configuration	Description	Status
1 inverter : 1 cabinet	One inverter connected to one AES 210HV through one LYNK II Gateway.	**Supported**
1 inverter : 2 cabinets	One inverter with two battery ports. Each AES 210HV connects to its own port with its own LYNK II Gateway.	**Supported**
2 inverters : 1 cabinet	Two inverters sharing one AES 210HV.	**Not supported**
Mixed ratios	1:1 and 1:2 sets combined in the same system.	**Not supported**

Scale larger systems by paralleling complete inverter and cabinet sets on the AC bus, within the inverter manufacturer's parallel limits. Keep the same ratio across every set in the system.

CAUSE

Certain hybrid inverter topologies have a hardware limitation that prevents reliable operation when two inverters share one battery. Inverter manufacturers no longer approve this configuration and will not support or warrant these installations.

Discover follows each inverter manufacturer's installation and warranty requirements. Where a manufacturer does not support a configuration, Discover does not support it either.

The AES 210HV hardware, battery management system (BMS) and firmware are unchanged by this bulletin.

EXISTING INSTALLATIONS

This bulletin applies to new projects and new quotes. Existing installations with two inverters connected to one AES 210HV that are commissioned and operating reliably do not require action and should not be reconfigured as a result of this bulletin.

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Warranty coverage for the inverters remains with the respective inverter manufacturer, and Discover does not determine or control those terms. Owners with questions about inverter warranty status should contact the inverter manufacturer directly. This configuration does not affect the Discover Energy Systems warranty on the AES 210HV.

If an existing installation experiences battery-related issues, such as AES 210HV faults, BMS alarms or loss of battery communication, contact Discover Energy Systems Technical Support and provide:

- Site name and location
- AES 210HV serial number(s)
- Inverter make, model and serial numbers
- Site single line diagram

Inverter faults, alarms and performance issues should be directed to the installer or the inverter manufacturer. Where an installation can no longer operate reliably, the recommended path is to move it to a supported configuration.

Do not add a second inverter to an AES 210HV that is already in service with one inverter.

NEW PROJECTS AND QUOTES

- Do not design, quote or install new systems with two Sol-Ark or Solis hybrid inverters on one AES 210HV.
- For projects already quoted or in design with this configuration, contact your Discover sales representative to rework the design to a supported configuration before purchase or installation. In many cases, a single higher-capacity hybrid inverter can now meet the power requirements that previously called for two inverters on one AES 210HV.
- Size the system so each inverter has its own AES 210HV (1:1), or two AES 210HV cabinets on two battery ports (1:2).

DOCUMENTATION

The following content is withdrawn. Refer to the current revision of each integration guide at discoverenergysys.com.

Document	Content withdrawn
885-0097 AES Cabinet Solis Hybrid Inverter Integration Guide (Rev E and earlier)	2 Inverters : 1 Cabinet configuration in Section 4, and Section 4.3, Two Inverters, One AES Cabinet
885-0151 AES Cabinet Solis S6-EH3P 29.9-50K Australia Integration Guide (Rev C and earlier)	Multi LYNK guidance for connecting two inverters to one battery cabinet
Other Discover guides, sell sheets and presentations	Any reference to two Sol-Ark or Solis inverters on one AES 210HV

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SAFETY AND RISK ASSESSMENT

- This bulletin is a change to supported system configurations. It is not a product recall.
- There is no change to AES 210HV hardware, BMS or firmware.
- Systems with two inverters on one cabinet may show inverter alarms under some operating conditions.

FIELD NOTES

- Applies to Sol-Ark and Solis hybrid inverters paired with the AES 210HV.
- For other inverter or PCS pairings, contact Discover to confirm the supported configuration.
- 1:1 and 1:2 configurations remain fully supported.
- Scale capacity by paralleling inverter and cabinet sets on the AC bus.
- Do not use the LYNK II Multi LYNK setting to share one AES 210HV between two inverters.

SUPPORT

For battery-related issues on existing installations, projects in design, or questions on this bulletin, contact Discover Energy Systems Technical Support with the AES 210HV serial number(s) and inverter models.

END

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