Brief Introduction of Battery Augmentation

About This Document

This document mainly introduces how to add new battery modules in the system. If relevant documents are needed. please visit http://support.sungrowpower.com/.

All related operations can only be performed by professional technicians. The professional technician shall have received specific training and be familiar with local standards and relevant safety regulations of electrical systems.

Battery Module Augmentation

- Follow steps 1-6 to remotely charge and discharge the batteries at the plant site to ensure that the SOC of these batteries is consistent with that of the new modules to be added.
- The following conditions must be met to use the battery augmentation function The iSolarCloud App version should be V2.1.6.20230731 or later.
- The battery version should be V12 or later .

The inverter model should be SHRS series and the version should be later than Sunstone-H 01011.02.27 (LCD).

Step 1 Open the iSolarCloud App, tap "More" in Step 2 Enter the installer account and password and the upper right corner of the screen, tap "Select tap "LOGIN". Server", and select the correct server.



SUNGRO Welcome to iSolar(
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Remember Password Po	argot Password
Visitor Login	Register
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SUNGROW	Q 🕀
All(23) Following(4) To Commis	sion(3) Comp
Creation Time 0	Filter 7
XXXX Commissioning Unfinished	
Equivalent Houns: ** Daily Yield: ** Daily Charge: ** Daily Discharge: **	
XXXX • Normal Equivalent Hours: 0.59h	

Step 3 Select the plant with target battery to be expanded in capacity and tap "Device" to get the device information.

= XXXXX Overview Device All(3) Hybrid Inverter(1) Commun Filter Energy Storage System1 Arrow Hybrid Inverter S/N: A2290398452 Active Power 295w 7w Associated Communi S/N: B2290173488 DI Battery(1) Communication Module A Normal Communication Module S/N: 82290173488 WLAN Signal Strength ÷ Batteryl Normal F Rattery S/N: \$230,613158



< Device
Q. Search
All(3) Hybrid Inverter(1) Communicat Filter V
Inverteri :
2 Hybrid Inverter S/N: A2242402796
Total Active Power Total DC Power Ow Ow
Associated Communication Device S/N: B2242903343 🕃
Battery(1)
Energy Storage System1 :
Inverter]
Modify
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Battery Augmentation
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* If there is no QR code, please tap "Manually".

SOC.

Step 6 Tap "Charging/Discharging Started" to set the start time, and tap "Execute Now" to wait for the charge and discharge to complete.

Step 5 Obtain the SOC of new battery modules by scanning the QR code or manually entering device S/N.

Battery Augmentatio

To ensure normal operation of the new battery, th SOC of the current battery should be set to be the

Nach dem Laden/Entladen der Batterie schließen Sie die Aufrüstung innerhalb von 24 Stunden ab, andernfalls

Supplement Battery Module SOC

Charging/Discharging Started

Method 1 Tap S to enter the code scanning screen. Scan the QR code on the battery module to obtain the

.



Step 7 Power down the system following the commissioning steps in the battery manual. Install the new battery after the system is completely powered down.

Step 8 Check the battery base to ensure that the battery is placed steadily after the new battery module has been added. Reactivate the battery referring to Chapter Commissioning in the battery user manual and check whether the battery operates properly. Restore the battery waterproof cover, awning (if there is), etc.