



SUNGROW
Clean power for all



SHRS and SBH
Now compatible

SUNGROW

SHRS and SBH are now compatible



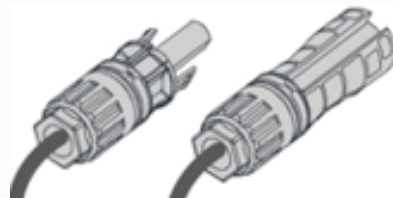
- SHRSV13 inverters are now compatible with SBH battery
- SHRSV13 now supports both SBS and SBHV11 batteries, offering greater flexibility across different installation scenarios
- Please comply to the following compatibility conditions

Which SHRS models are compatible with SBH



All models with Jinko MC4 Battery connector

- SH3.0-3.6-4.0-5.0-6.0RS V13 (A-SH-001**15-18**)
- Please note: SHRS V11 uses a Sunclix battery connector and is not compatible with the SBH 10 mm² MC4 battery cable connector. Therefore, please select SHRS V13, which is equipped with an MC4 battery connector and fully supports the 10 mm² cable.



Which SBH models are compatible with SHRS



- Only SBH V11 is compatible with SHRS
- SBH V12 with heating / fire extinguisher function is not compatible with SHRS
- SBH100-200-250-300 V11 are compatible
- SBH350-400 is not compatible with SHRS due to SHRS voltage limitation

SHRS and SBH Charge and Discharge



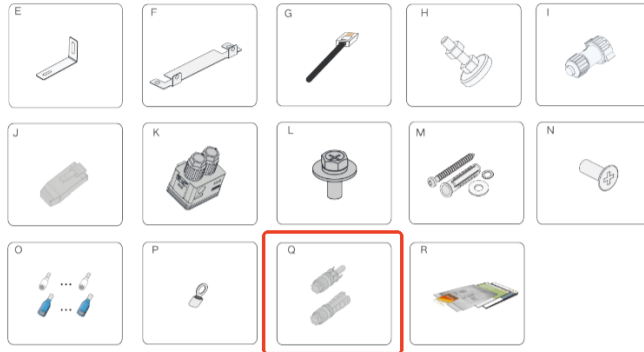
- SHRS can charge and discharge SBH with 30A DC maximum current
- SBH100 can achieve up to **4.3 kW** charge and discharge power with SHRS at nominal voltage, while SBH150 can achieve up to **6.0 kW**.

SHRS battery cable and connector

User Manual

3 Unpacking and Storage

Parts



Item	Name	Quantity
E	Battery fixing bracket	2

- Must use 10sqmm cable as required in SBH Manual this is mandatory for electrical safety!
- Must use the DC battery connector Jinko MC4 10sqmm included in standard package.



SHRS and SBH FW versions

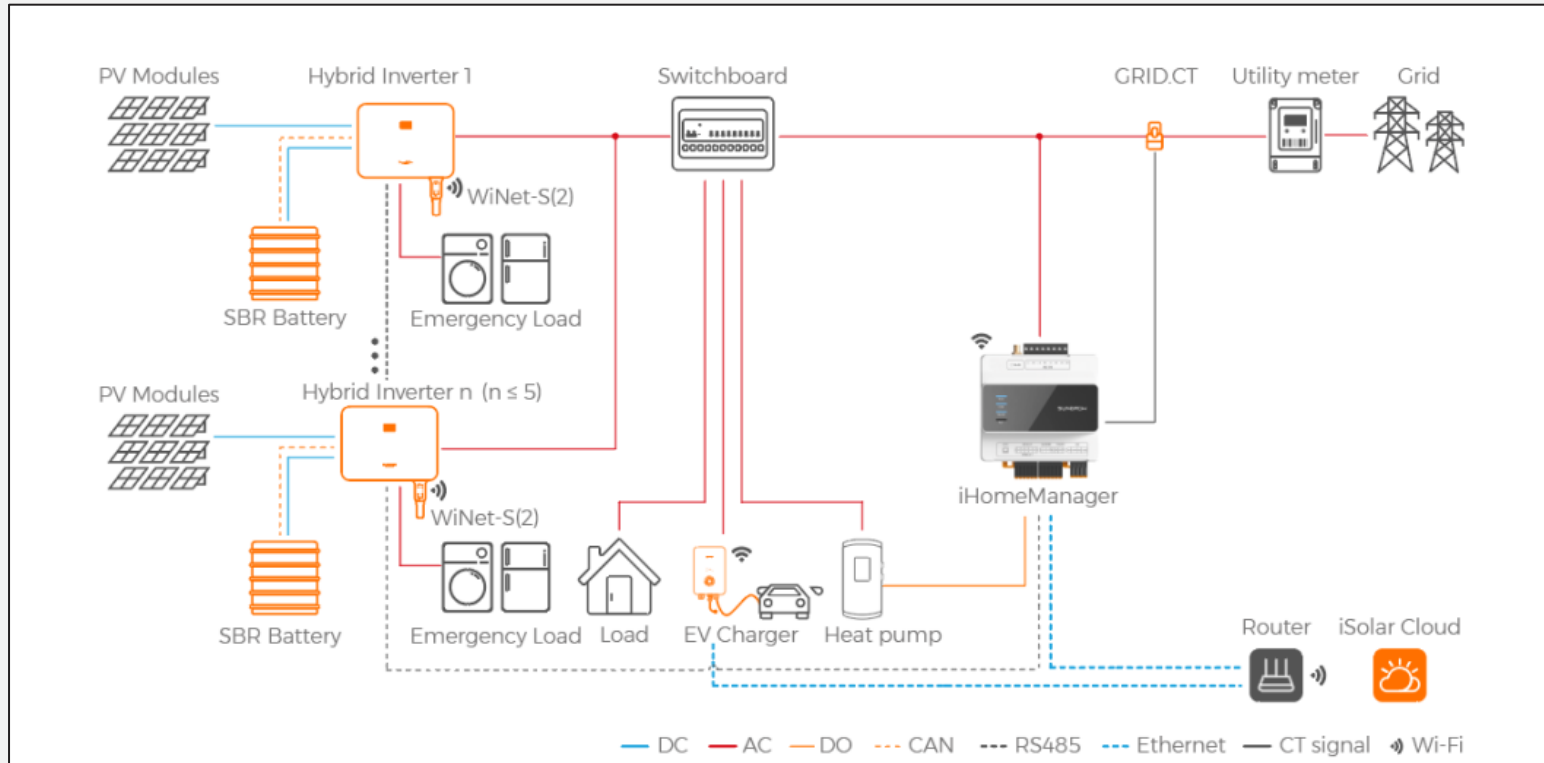
no special firmware is required. Both the inverter and the battery only need to be updated to the latest standard firmware version.

4.2 System Firmware Version Requirements

Batteries and inverters must be upgraded to the firmware versions listed below to support the declared functionalities. For specific function descriptions, refer to the user manuals.

System configuration		Firmware version requirements
Battery	Inverter	
SBH100-250	SH3.0-6.0RS-V11	Battery: SBHBCU-S_22011.04.03 and later Inverter: SUNSTONE-H_B000.V000.P044 and later
	SH5.0_6.0RS-V112	
	SH3.0-6.0RS-V13	
SBH300	SH3.0-6.0RS-V11	Battery: SBHBCU-S_22011.04.03 and later Inverter: SUNSTONE-H_B000.V002.P060 and later
	SH5.0_6.0RS-V112	

System Solutions available with iHM



- For parallel installation, use iHomeManager. up to 5 SHRS can connect with iHM.
- Only one SBH100-300 battery system can be configured per inverter.
- Max. 6 battery modules (SBH300) are supported per inverter.
- For EV charger, use AC22E-01

SBH100-300 V11 Battery



Modular Design

Powerful storage for your home

- Fast charging and discharging, ideal for backup applications
- Up to 6.3 kW battery power with SBH150
- Support 10–30 kWh battery capacity
- Easy future expansion up to SBH300
- Efficient SOC balancing between modules
- 10-year warranty with high energy throughput

**Safety
isn't claimed
It's proven.**



UL9540B. The Gold Standard in Safety

UL 9540B sets safety standards for residential ESS with a capacity of 20kWh or less.

It addresses not only cell-level thermal runaway control, but also gas management, thermal insulation, and structural design.



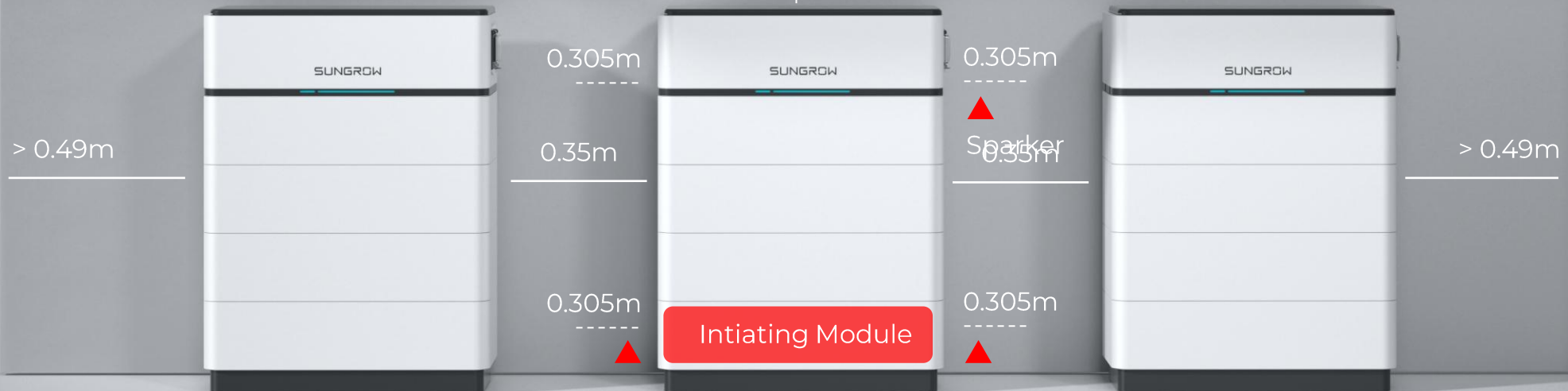
Test Conditions

Trigger Method

Continuous ignition on both sides to induce thermal runaway and simulate an extreme fire scenario

Test Products

TCs Tree



Test Results

- ☒ No fire spread
- ☒ Open flames extinguish naturally without re-ignition
- ☒ No explosion, and the structure remains stable

