3-phase Hybrids-FAQ

Fault code and troubleshooting steps of SBR batteries

Applicable to: SBR HV Batteries

Hardware in the battery fails (Code 833)

Fault name	Hardware in the battery fails (fault code: 833)
Fault type	Fault
Fault condition	The alarm is triggered when master pre-charging fails, and the battery voltage value on inverter side is less than 90% of the total battery voltage.
Steps and methods of troubleshooting	1. Confirm whether the DC-wiring is connected accurately and tightly. 2. Export the battery log, and check whether the output voltage of the switch box is greater than 90% of the total battery voltage or measure the battery voltage on inverter side. 3. Remove the power line of the battery system and close the miniature circuit breaker and then start the master and detect the output voltage of the switch box. If it is abnormal, please replace the switch box.

For further information, please download the user manual here.

This manual is intended for professional technicians who are responsible for installation, operation, maintenance and troubleshooting of inverters, and users who need to check inverter parameters. The inverter must only be installed by professional technicians.
The professional technician is required to meet the following requirements:

- Know electronic, electrical wiring and mechanical expertise, and be familiar with electrical and mechanical schematics.
- Have received professional training related to the installation, commissioning and troubleshooting of electrical equipment.
- Be able to quickly respond to hazards or emergencies that occur during installation, commissioning and troubleshooting.
- Be familiar with local standards and relevant safety regulations of electrical systems.
- Read this manual thoroughly and understand the safety instructions related to operations.