

1-phase Hybrids-FAQ

Fault code and troubleshooting steps of SHxxRS

Applicable to: SHxxRS series

Battery average low voltage fault (Code 703)

Fault name	Battery average low voltage fault (fault code: 703)
Fault type	Fault
Fault condition	<ol style="list-style-type: none"> 1. In non-equalized charging mode, the total battery voltage is lower than the discharge cut-off voltage by 5V. 2. The polarity of battery power cord is reversed.
Steps and methods of troubleshooting	<ol style="list-style-type: none"> 1. Check, if all cables between battery and inverter are connected correctly. 2. Check, if the battery voltage is lower than the normal range. 3. If the fault continues and cannot be recovered, check the battery wiring and use a multimeter to test the polarity.

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.