3-phase Hybrids-FAQ

SOC calibration scheme for SBR batteries

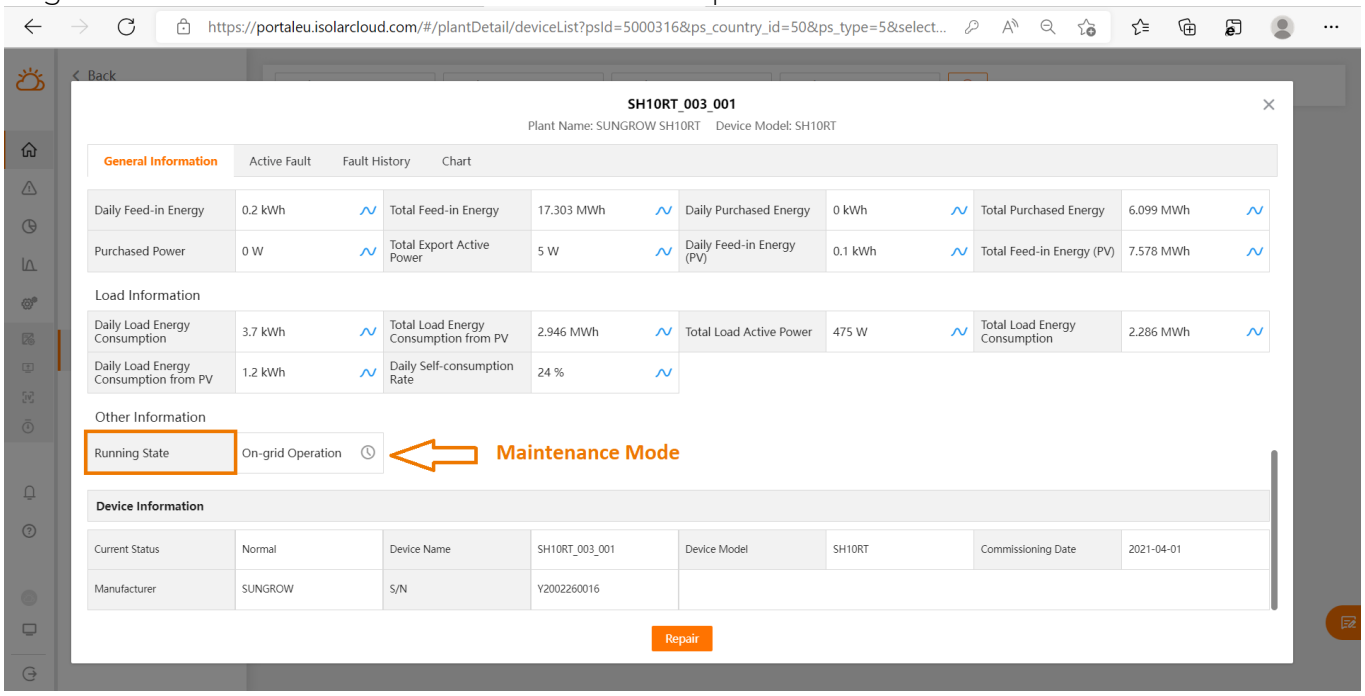
Applicable to: SBR HV Batteries

There are two methods of SOC calibration schemes for SBR HV batteries, which are Dynamic calibration and Static calibration:

Dynamic calibration: Dynamic SOC pre-calibration will start when the battery is charged to more than 95%, and dynamic SOC-Open circuit voltage (OCV) calibration will start when the battery is fully charged to 100%.

Static calibration: Static SOC-OCV calibration will start if SOC is lower than 30% or greater than 95% and there is no charge and discharge current within 2 hours.

Note: After first commissioning, the inverter will perform maintenance mode to calibrate the SOC. This can be seen in the device information in Running state. This might take some time until it comes to normal operation.



For further information, please download the user manual here.

© 2021 Sungrow. All rights reserved. Subject to change without notice. Version 1.1
Sungrow Deutschland GmbH | Balanstr. 59 | 81541 München | www.sungrowpower.com

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.

© 2021 Sungrow. All rights reserved. Subject to change without notice. Version 1.1
Sungrow Deutschland GmbH | Balanstr. 59 | 81541 München | www.sungrowpower.com