







# Get to know your sonnenBatterie – The Guide.

This guide will serve as a point of reference for your sonnenBatterie. Read through our guide to better understand your sonnenBatterie when it comes to the colour of the eclipse or taking first steps towards a quick solution.

## The sonnen eclipse acts as a status indicator for your sonnenBatterie.

The light makes it easier for you to identify if there is an issue with the battery and needs to be troubleshooted. Below is a simple guide on what the different colours mean and the first steps you can take to solving the issue.

	Colour	Mode	Operating mode
	Blue	Flashing	Normal operating mode of storage system.
	Green	Flashing	The connection to the public electricity grid is interrupted. If the connection to the grid remains interrupted, the eclipse will turn off after approx. 5 minutes. Please try restarting (pg. 14) the battery or contact the installer who installed the system. When the grid connection is restored, your sonnenBatterie will turn itself back on and will automatically connect to the internet.
	Green	Flashing	<i>In storage systems with an emergency power function only:</i> The sonnenBatterie is in emergency back-up power mode.
	Orange	Flashing	No internet connection. Make sure your internet connection is working and that the sonnenBatterie is connected correctly. If restarting the battery does not solve the issue, your installer will be able to help you further.
	Orange	Flashing	<i>In storage systems with an emergency power function only:</i> An overload has been detected. Please turn-off some devices to reduce the workload.
	Red	Constant	Problem detected: Please contact the installer who installed the storage system

# Restarting your sonnenBatterie.

If your sonnenBatterie is no longer connected to the internet, restarting the internet router can help. See the operating instructions of your router for information on how to do this. Otherwise, disconnect your router from the power supply then reconnect the power cable shortly after removing the cable.

If your sonnenBatterie is not working properly, restarting the system may help. To restart your system, simply follow the guide below.

## 1 Switch off the sonnenBatterie.

If you are operating your PV system via the sonnenDC Module, start at 1a. If you are operating your sonnenBatterie via an external PV inverter, start at 1b.

### 1a With sonnenDC Module only

Switch off the PV system using the external PV disconnecter.

### 1b All sonnenBatteries

1. Remove the switch cover on the control element inspection window on the right-hand side of the storage system.
2. Press the ON/OFF switch. The switch should trip and the sonnen eclipse should go dark.
3. Switch off the mains voltage as well using the circuit breaker (fuse) in the mains supply line (in the fuse box).

**Only then is the battery fully shut down.**

## 2 Turning the sonnenBatterie back on again.

### 1b All sonnenBatteries

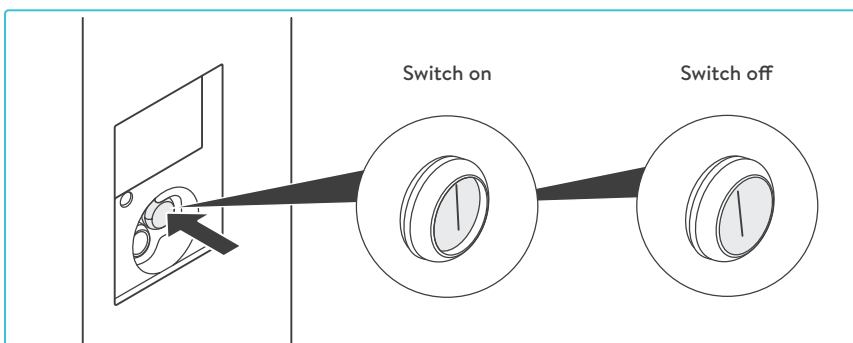
1. Switch the mains voltage on using the circuit breaker (fuse) in the mains supply line (in the fuse box).
2. Remove the switch cover on the control element inspection window.
3. Press the ON/OFF switch to turn the system on.
4. Replace the switch cover on the inspection window.

### 1a With sonnenDC Module only

5. Switch the external PV disconnecter back on. This switches on the PV system for the battery.

### 1b All sonnenBatteries

The storage system will then start up and perform a self-test. The system is ready for operation after a successful self-test.



### ⚠ Caution!

Despite switching it off, there is still voltage in the storage system. Only authorised professionals may open the storage system! There is a risk of death through electric shock.