

## **SUNNY ISLAND 3.0M / 4.4M / 6.0H / 8.0H SUNNY REMOTE CONTROL**



### **Validity**

This document is valid for the following device types:

- SI 3.0M-11 / 4.4M-11 (Sunny Island 3.0M / 4.4M) with all firmware versions
- SI 6.0H-11 / 8.0H-11 (Sunny Island 6.0H / 8.0H) from firmware version OCU V3.002 DSP V3.000 (January 2014)

### **Correcting the error when writing to the SD memory card**

The Sunny Remote Control uses an SD memory card for the recording of the Sunny Island inverter logging data. In this process, the SD memory card is operated as a ring buffer. After a duration of 100 days, the Sunny Remote Control normally starts to overwrite the logging data of day one.

In the firmware versions listed above, the logging data is not, however, overwritten. Here, the Sunny Remote Control SD memory card is full after 100 days and new logging data is not saved to this. Therefore, in the event of Service or under fault conditions, only the logging data saved for the first 100 days is available.

The full SD memory card also has an effect on the automatic updating of the firmware. Prior to the automatic firmware update, the firmware must be saved intermediately to the SD memory card. Due to the missing storage capacity, this intermediate storage is not, however, possible.

The following steps explain the manual update of the firmware for an error-free functioning of the SD memory card.

### **Requirements:**

- The SD memory card from the Sunny Remote Control must be connected to a computer.
- Data from the SD memory card **LOGGING** directory must be saved.
- The SD memory card **LOGGING** directory must be empty.

### **Procedure:**

1. Download the latest firmware version from [www.SMA-Solar.com](http://www.SMA-Solar.com).
2. Save the firmware to the SD memory card.
3. Remove the SD memory card from the computer.
4. Insert the SD memory card into the Sunny Remote Control slot.
  - The question **UPDATE AVAILABLE Start update now?** appears in the display. This can take up to two minutes.
5. Confirm with **YES**.
  - The Sunny Island switches to standby and updates the firmware.

The update via SD memory card is also described in detail in the operating manual.