MPPT Solar Charger Error Codes

Error Codes

Err 2 - Battery voltage too high (>76,8V)

This error will auto-reset after the battery voltage has dropped. This error can be due to other charging equipment connected to the battery or a fault in the charge controller.

Err 17 - Controller overheated despite reduced output current

This error will auto-reset after charger has cooled down. Check the ambient temperature and check for obstructions near the heatsink.

Err 18 - Controller over-current

This error will auto-reset. Disconnect the charge controller from all power-sources, wait 3 minutes, and power up again. If the error persists the charge controller is probably faulty.

Err 20 - Maximum Bulk-time exceeded

This error can only occur when the maximun bulk-time protection is active. This error will not auto-reset. This error is generated when the battery-absorption-voltage is not reached after 10 hours of charging.

This protection is default:

- Solar Chargers with VE.Direct connection: disabled on all solar chargers, our advice is to not enable it in solar installations
- Solar Chargers with VE.Can connection: same as above.
- Skylla-i: default enabled (dipswitch). Only disable it when using this charger on a relatively large battery bank, where charging the bank will take more than 10 hourrs.
- Skylla IP44: default disabled (settable in the LCD menu).

Err 21 - Current sensor issue

The charge controller is probably faulty. This error will not auto-reset.

Err 26 - Terminal overheated

Power terminals overheated, check wiring and fasten bolts if possible. This error will auto-reset.

Err 33 - PV over-voltage

This error will auto-reset after PV-voltage has dropped to safe limit. This error is an indication that the PV-array configuration with regard to open-circuit voltage is critical for this charger. Check configuration, and if required, re-organise panels.

Err 34 - PV over-current

The current from the solar-panel array has exceeded 75A. This error could be generated due to an internal system fault. Disconnect the charger from all power-sources, wait 3 minutes, and power-up again. If the error persists the controller is probably faulty. This error will auto-reset.

Err 38 - Input shutdown due to battery over-voltage

To protect the battery from over-charging the panel input is shut down. To recover from this condition first disconnect the solar panels and disconnect the battery. Wait for 3 minutes reconnect the battery first and next the panels. If the error persists the charge controller is probably faulty.

Information 65 - Communication warning

Communication with one of the paralleled controllers was lost. To clear the warning, switch the controller off and back on

Information 66 - Incompatible device

The controller is being paralleled to another controller that has different settings and/or a different charge algorithm.

Make sure all settings are the same and update firmware on all chargers to the latest version

Error 67 - No BMS

Connection to the BMS lost, check the connection (Cabling / Bluetooth link). When the charger needs to operate in stand-alone mode again, change to setup menu setting 'BMS' from 'Y' to 'N' (setup item 31).

2 mogelijke oorzaken: - de bms is er geweest en daarna 'verdwenen' - men heeft per abuis de optie bms present op 'Y' gezet

Error 114 - CPU temperature to high

This error will reset after the CPU has cooled down. If the error persists, check the ambient

temperature and check for obstructions near the air inlet and outlet holes of the charger cabinet. Check manual for mounting instructions with regard to cooling. If error persists the controller is probably faulty.

Error 116 - Calibration data lost

The unit is faulty, contact Victron.

Error 119 - Settings data lost

This error will not auto-reset. Restore defaults in the setup menu (setup item 62). Disconnect the charge controller from all power-sources, wait 3 minutes, and power up again.

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