

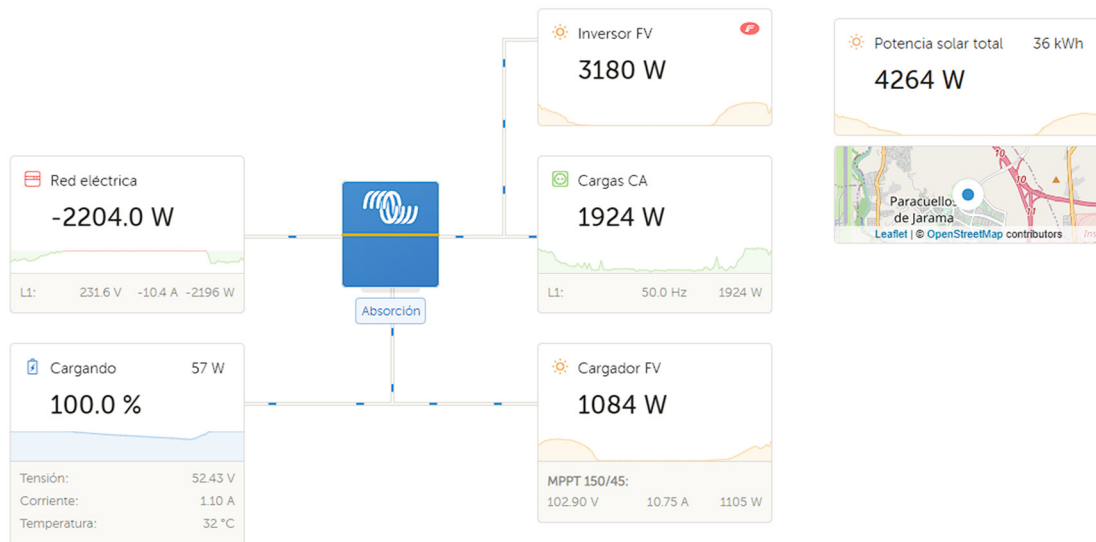
Strange alarms

Dispositivo	Desencadenado por	Descripción	Iniciado a las	Borrado tras
Battery Monitor [512]	Automatic monitoring	Cell Imbalance alarm: Alarm	2022-09-06 14:11:21	2s
Battery Monitor [512]	Automatic monitoring	Cell Imbalance alarm: Alarm	2022-09-03 14:39:17	1s
Battery Monitor [512]	Automatic monitoring	Cell Imbalance alarm: Alarm	2022-09-02 14:37:07	2s
Battery Monitor [512]	Automatic monitoring	Cell Imbalance alarm: Alarm	2022-09-01 20:19:00	2s
Battery Monitor [512]	Automatic monitoring	Cell Imbalance alarm: Alarm	2022-09-01 13:50:16	2s
Battery Monitor [512]	Automatic monitoring	Cell Imbalance alarm: Alarm	2022-09-01 12:39:55	1s
VE.Bus System [276]	Automatic monitoring	Low battery: Alarm	2022-08-31 20:36:30	22s

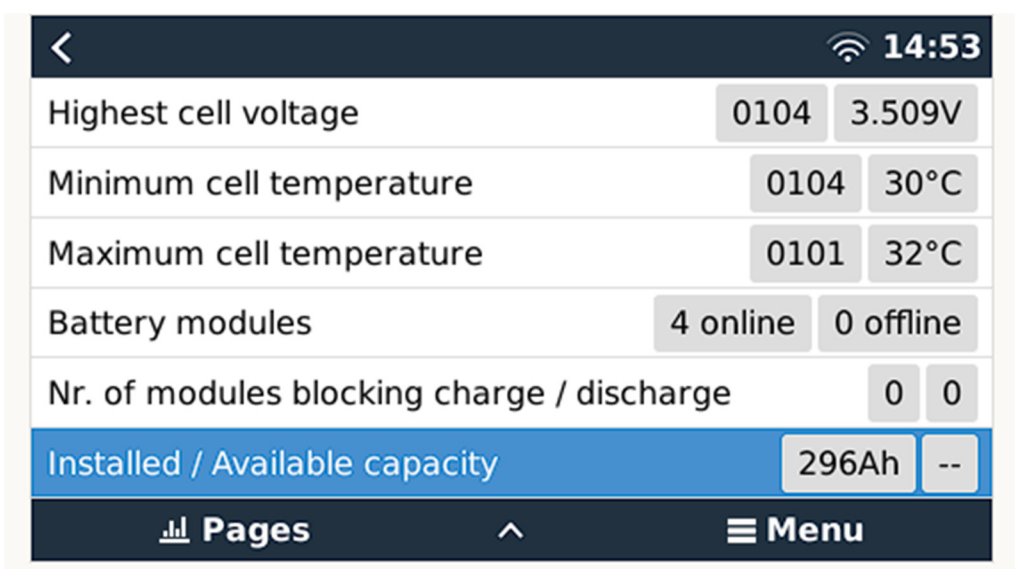
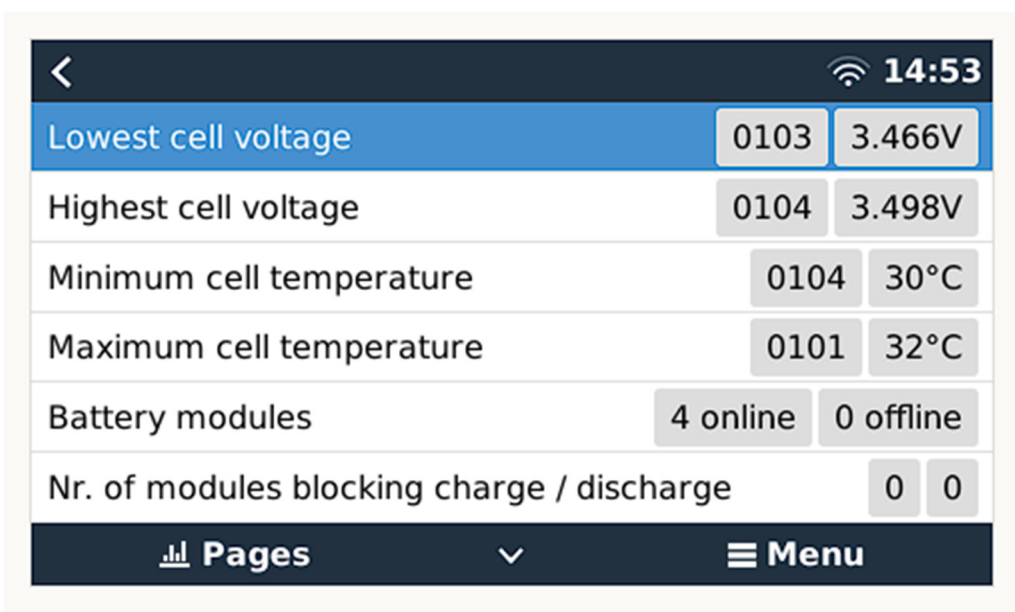
Low battery is correct as it's when I switched off the batteries to add 2 more. 4 total now.

Descripción del dispositivo	ID del producto	ID	Instalado	Última versión	Actualizable
SmartSolar Charger MPPT 150/45 rev3	A073	/dev/ttyS7	v1.59	v1.59	✓ Actualizado
MultiPlus-II 48/5000/70-48	2623	/dev/ttyS4	v497	v497	✓ Actualizado

System upto date



System working correctly



VE Config file;

TAB: GeneralSystem frequency	50Hz
Shore current	23.0 A
Overruled by remote	checked
Dynamic current limiter	unchecked
External current sensor connected (see manual)	checked
State of charge when Bulk finished	95.0 %
Battery capacity	296 Ah
Charge efficiency	0.95
Country / grid code standard	TAB: Grid Spain: RD 1699/2011 UNE 206007-1:2013IN
LOM detection AC input 1	Type B (grid code compliant)
Cos phi at point 1	1.00
Reactive power regulation	Use a fixed Cos PhiTAB: Inverter
PowerAssist	unchecked
Inverter output voltage	230 V
Inverter DC shut-down voltage	44.00 V
Inverter DC restart voltage	48.00 V
Low DC alarm level	48.00 V
Do not restart after short-circuit (VDE 2510-2 safety)	unchecked
enable AES	uncheckedTAB: Charger
Enable charger	checked
Weak AC input	unchecked
Stop after excessive bulk	unchecked
Lithium batteries	checked
Configured for VE.Bus BMS	unchecked
Charge curve	Fixed
Absorption voltage	52.00 V
Float voltage	51.00 V
Charge current	70 A
Repeated absorption time	1.00 Hr
Repeated absorption interval	7.00 Days
Absorption time	1 HrTAB: Virtual switch
TAB: Usage	
Virtual switch usage	Do not use VS
TAB: Assistants	
TAB: Assistant Configuration	
ESS (Energy Storage System) (size:1744)	
*)	System uses LiFePo4 with other type BMS (This can be either a BMS connected via CAN bus or a BMS
system in which the	batteries are protected from high/low cell voltages by external
equipment.)	
*)	The battery capacity of the system is 296 Ah.
*)	Sustain voltage 48.00 V.
*)	Cut off voltage for a discharge current of: 0.005 C= 46.00 V 0.25 C= 46.00 V 0.7 C= 46.00 V 2 C= 46.00 V
*)	Inverting is allowed again when voltage rises 1.20 V above cut-
off(0).	
*)	The solar converter will start reducing its output power at 50.20
Hz.	Output power will be reduced to minimum when the frequency is
52.70 Hz.	

53.00 Hz.

*)

*)

The converter will disconnect when the frequency is higher than

Total installed PV inverter power is 5000 Watts.

Total installed PV panel power is 4420 Watts.

Relevant VEConfigure settings:

- Battery capacity 296 Ah.
- PowerAssist unchecked
- Lithium batteries checked
- Dynamic current limiter unchecked
- Storage mode unchecked

Total size of all assistants including the required
(hidden) system assistants is: 1817