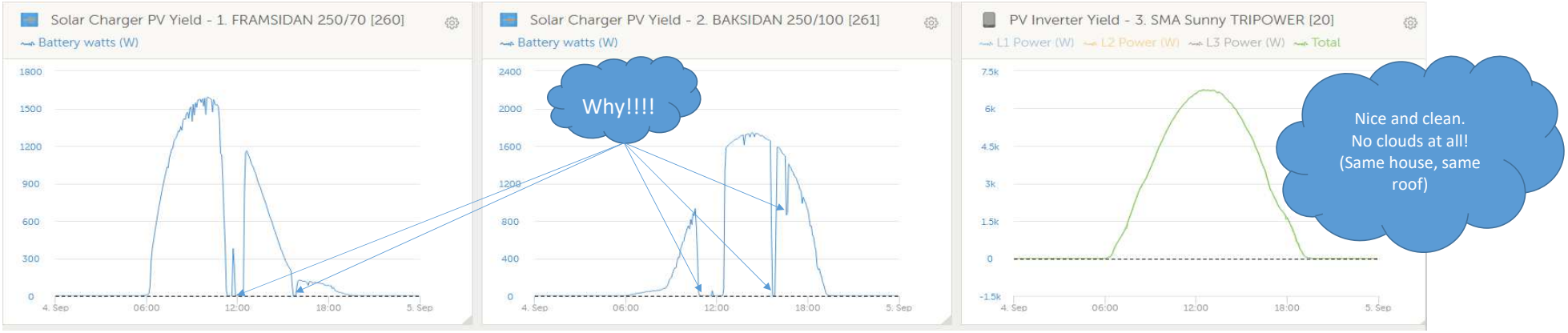
# Grafs from a nice sunny day in Sweden with my ESS configured system 21-09-04



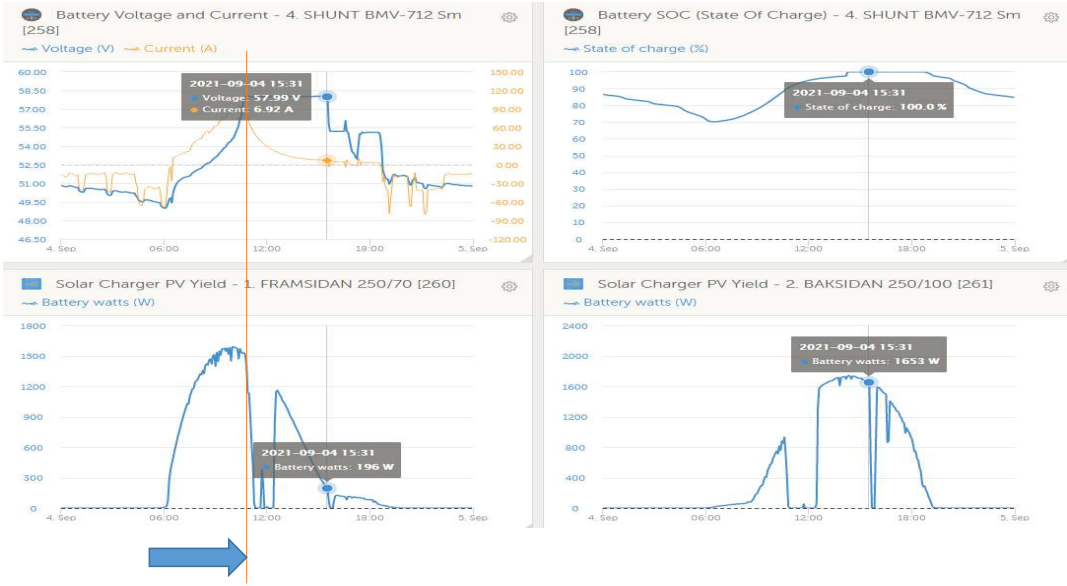

**MyConfig :**
**ESS with a SYSTEM Voltage of 48V. Configured to feed in excess PV-Power.**
**(ALL UNITS HAVE THE LATEST FW PER 21-09-07, ESS assistant's also.)**

1 BMV-712, 500A shunt.
1 SmartSolar 250/70. Panels facing East
1 SmartSolar 250/100. Panels facing South West
1 SMA TRIPOWER 7000 Panels on 2*MPPTs facing South east and facing South West
1 Venus GX + 3-phase Gridmeter over RS485
2 Multiplus-II 48 5000/70 (Configured in a two-phase layout)

Look at the really nice SMA graf. No clouds this day!!!

My system is configured to **feed in excess** PV-Power.
But why does the two Smart Solar MPPT's throttle down???
By the look of it ...It has someting to do with entering the absortion voltage...(in my case 58volt..)
I want to be able to use this power. Not waste it!
This zero production "pause", it varies between 1-3 hours.
By the look of it, in assistant Rev-Log, this have allready been "fixed" in the Multiplus Assistant ver"0179"
And my problem seems to be identical!!

Can anyone help!?




| | |
|---|---|
| (home) | • Added support for Redflow ZCell batteries |
| 0179 (home) | Release date: June 15, 2020<br>• Fixes a bug for multi-phase systems that have both MPPT Solar chargers as well as PV Inverters installed. The solar charger would be throttled back when the PV Inverter supplies enough power to charge the battery. But it shouldn't be throttled back. That is fixed now.<br>• Redflow default cut-off curve has been updated as per recent request by Redflow |
| 017A (home) | Release date: July 22, 2020<br>• Solves instability which occurred due to the ripple control mechanism exploited by the grid operator. (Czech republic) |