

Mains ON, Bulk ON, Low Battery BLINKING !!!

Device List 21:19

Grid meter	47W	>
LG resu battery	57% 52.09V 0.3A	>
Battery temperature sensor (2)	Disconnected	>
Battery temperature sensor (1)	Disconnected	>
Fuel tank (3)	Disconnected	>
Fuel tank (1)	Disconnected	>

Pages Menu

Device List 21:20

Fuel tank (3)	Disconnected	>
Fuel tank (1)	Disconnected	>
Fuel tank (2)	Disconnected	>
MultiGrid 48/3000/35-50	Bulk	>
Notifications		>
Settings		>

Pages Menu

ESS 21:17

Mode: Optimized (with BatteryLife)

Grid meter installed	<input checked="" type="checkbox"/>
Inverter AC output in use	<input checked="" type="checkbox"/>
Feed-in excess solarcharger power	<input type="checkbox"/>
Phase compensation	<input checked="" type="checkbox"/>
Minimum SOC (unless grid fails)	10%

Pages Menu

ESS 21:17

Active SOC limit	15%
BatteryLife state	Sustain
Limit charge power	<input checked="" type="checkbox"/>
Maximum charge power	700W
Limit inverter power	<input type="checkbox"/>
Fronius Zero feed-in	<input type="checkbox"/>

Pages Menu

Fronius Zero feed-in active	No
Grid setpoint	50W
Scheduled charging	>

LG resu battery 21:24

State of health	100%
Battery temperature	23°C
Time-to-go	--
Alarms	>
History	>
Device	>

Pages Menu

Alarms 21:25

Low battery voltage	Ok
High battery voltage	Ok
High charge current	Ok
High discharge current	Ok
Low temperature	Ok
High temperature	Ok

Pages Menu

Alarms 21:25

High temperature	Ok
Low charge temperature	Ok
High charge temperature	Ok
Internal failure	Ok
Circuit breaker tripped	Ok
Cell imbalance	Ok

Pages Menu

VE Configure 3 (MultiGrid 48/3000/35-50 S/N: HQ1812ZY3K9)

File Port selection Target Defaults Options Special Help


General Grid Inverter Charger Virtual switch Assistants

MultiGrid

UMains 231 V
IMains 0.7 A
UOut 230 V
IOut 0.3 A
Udc 52.0 V
Udc ripple 0.0 V
Idc 0 A
Freq. Out 49.9 Hz
Freq. In 50.1 Hz
SoC
Ignore AC 0
aux. relay 0
show VE Bus monitor

System frequency
50Hz 60Hz
Shore limit
AC input current limit 50.0 A Overruled by remote
 Dynamic current limiter

Enable battery monitor
State of charge when Bulk finished 95.0 %
Battery capacity 126 Ah
Charge efficiency 0.95



Get settings
Send settings

Victron Energy

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Ignore AC 0
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show VE Bus monitor

Grid code selection
VDE grid code settings

Country / grid code standard
Germany: VDE-AR-N 4105:2011-08, internal NS protection

Loss Of Mains (LOM) detection
LOM detection AC input 1 Type B (grid code compliant)

Note: Click here for more info on LOM.

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General Grid Inverter Charger Virtual switch Assistants

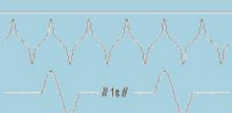
MultiGrid

UMains 229 V
IMains 0.7 A
UOut 229 V
IOut 0.3 A
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Udc ripple 0.0 V
Idc 0 A
Freq. Out 50.0 Hz
Freq. In 50.1 Hz
SoC
Ignore AC 0
aux. relay 0
show VE Bus monitor

Inverter output voltage 230 V PowerAssist
 Ground relay Assist system boost factor 2.0

DC input low shut-down 37.20 V SOC low shut-down 0.0 %
DC input low restart 43.60 V SOC low restart 0.0 %
DC input low pre-alarm 43.60 V
 Do not restart after short-circuit (VDE 4105-2 safety)

enable AES
Start AES when load lower than 69 W
Stop AES when load 46 W higher than start level
AES type
 modified sine wave
 square mode



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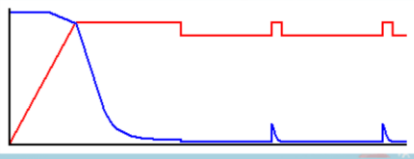
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Freq. In 50.1 Hz
SoC
Ignore AC 0
aux. relay 0
show VE Bus monitor

Enable charger
 Weak AC input
 Stop after excessive bulk
Battery type: No corresponding default

Lithium batteries
 Storage mode
 Use equalization (tubular plate traction battery curve)

Charge curve Fixed

Absorption voltage 57.00 V Repeated absorption time 1.00 Hr
Float voltage 57.00 V Repeated absorption interval 7.00 Days
Charge current 26 A Absorption time 1 Hr



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Usage
Specify virtual switch usage: Invert virtual switch usage

Do not use VS
 drive multifunctional (aux.) relay: VS on=open; VS off=close
 ignore AC input: VS on=ignore; VS off=do not ignore
 dedicated ignore AC input
 dedicated generator control
 drive aux. relay (VS on=open) + dedicated ignore AC input
 ignore AC input (VS on=ignore) + dedicated generator control

Help

Get settings
Send settings

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Assistant Configuration Assistant Tools

Assistant Setup
Add assistant

ESS (Energy Storage System)

Used assistants: (916 bytes used, 3176 bytes free)

Start assistant Save assistant Delete assistant
Summary Load assistant

Get settings
Send settings

Victron Energy

Information

ESS (Energy Storage System) (size:857)

- *) 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 126 Ah.
- *) Sustain voltage 50.00 V.
- *) Cut off voltage for a discharge current of:
0.005 C = 52.00 V
0.25 C = 50.00 V
0.7 C = 49.20 V
2 C = 48.00 V
- *) Inverting is allowed again when voltage rises 1.20 V above cut-off(0).
- *) Relevant VEConfigure settings:
- Battery capacity 126 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: 916

OK