General | Grid | Inverter | Charger | Virtual switch | Assistants

System frequency
- 50Hz
- 60Hz

Shore limit
- AC1 input current limit (priority) 30.0 A — Overruled by remote
- AC2 input current limit 60.0 A — Overruled by remote
- Dynamic current limiter

Enable battery monitor
- State of charge when Bulk finished 95.0 %
- Battery capacity 0 Ah
- Charge efficiency 0.95

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Grid code selection

Country / grid code standard

None: (feeding energy from DC to grid not allowed)

Transfer switch
- Accept wide input frequency range (45-65 Hz)
- AC low disconnect 90 V — AC high connect 135 V
- AC low connect 97 V — AC high disconnect 140 V
- UPS function

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Inverter output voltage 120 V
- Ground relay

PowerAssist
- Assist current boost factor 2.0

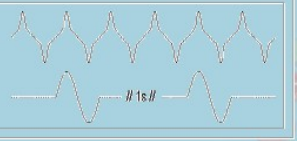
DC input low shut-down 40.00 V
DC input low restart 46.40 V
DC input low pre-alarm 46.40 V

shut-down on SOC
- SOC low shut-down 0.0 %
- SOC low restart 0.0 %

Do not restart after short-circuit (VDE 2510-2 safety)

enable AES
- Start AES when load lower than 72 W
- Stop AES when load 12 W higher than start level

AES type
- modified sine wave
- search mode



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Enable charger
- Weak AC input
- Stop after excessive bulk
- Lithium batteries
- Configured for VE.Bus BMS

Battery type:
No corresponding default

Charge curve Fixed

Absorption voltage 56.00 V — Repeated absorption time 1.00 Hr
Float voltage 54.00 V — Repeated absorption interval 7.00 Days
Charge current 52 A — Absorption time 1 Hr
Stop charger below -20.5 deg C

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Usage | VS options | Ignore AC input

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

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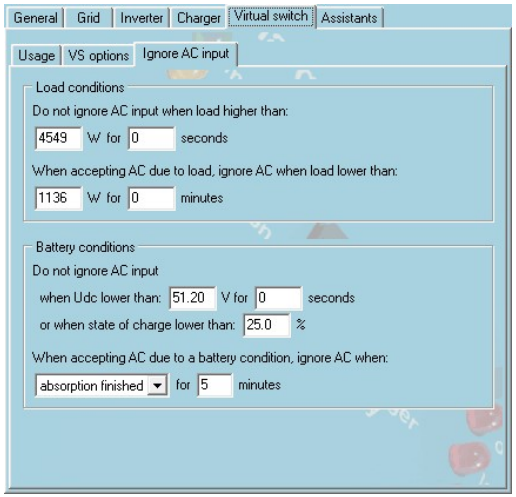
Usage | VS options | Ignore AC input

- Change inverter period time when virtual switch is on
- Change inverter period time on Udc

Make period time 16.6664 ms (=60.00 Hz)
when Udc higher than 57.72 V for 2 seconds
Make period time 16.667 ms (=60Hz) again
when Udc lower than 54.00 V for 2 seconds

Note: Udc is temperature compensated in these conditions!


General
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Ignore AC input
Load conditions
Do not ignore AC input when load higher than:
4549 W for 0 seconds
When accepting AC due to load, ignore AC when load lower than:
1136 W for 0 minutes
Battery conditions
Do not ignore AC input
when Udc lower than: 51.20 V for 0 seconds
or when state of charge lower than: 25.0 %
When accepting AC due to a battery condition, ignore AC when:
absorption finished for 5 minutes