


General Grid Inverter Charger Virtual switch Assistants Advanced

System frequency
 50Hz 60Hz

Shore limit
 AC input current limit A Overruled by remote

Dynamic current limiter

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



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Grid code selection

Country / grid code standard

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

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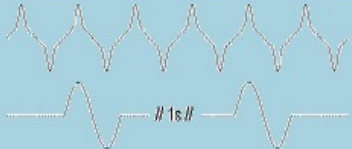
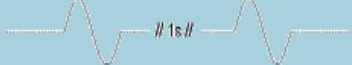
Inverter output voltage V
 Ground relay

PowerAssist
 Assist current boost factor

DC input low shut-down V shut-down on SOC
 DC input low restart V SOC low shut-down %
 DC input low pre-alarm V SOC low restart %

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

enable AES
 Start AES when load lower than W
 Stop AES when load W higher than start level.

AES type
 modified sine wave 
 search mode 

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Enable charger

Battery type:

Weak AC input
 Stop after excessive bulk

Lithium batteries Disable VSense (for diagnostic purposes)

Configured for VE.Bus BMS

Charge curve:

Absorption voltage V Repeated absorption time Hr
 Float voltage V Repeated absorption interval Days
 Charge current A Absorption time Hr

Stop charger below 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=close; VS off=open
- ignore AC input: VS on=do not ignore; VS off=ignore
- dedicated ignore AC input
- dedicated generator control
- drive aux. relay (VS on=close) + dedicated ignore AC input
- ignore AC input (VS on=do not 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 ms (= Hz)
 when Udc higher than V for seconds
 Make period time 16.667 ms (=60Hz) again
 when Udc lower than V for seconds

Note: Udc is temperature compensated in these conditions!

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Usage | VS options | Ignore AC input

Load conditions

Do not ignore AC input when load higher than:
1630 W for -1 seconds

When accepting AC due to load, ignore AC when load lower than:
407 W for -1 minutes

Battery conditions

Do not ignore AC input
when Udc lower than: 25.20 V for 20 seconds
or when state of charge lower than: 0.0 %

When accepting AC due to a battery condition, ignore AC when:
Udc higher than 26.00 V for 1 minutes

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limit internal charger to prioritize other energy sources

Sustain voltage 26.00 V
Refer to documentation for recommended sustain voltage