


General Grid Inverter Charger Virtual switch Assistants

System frequency
 50Hz 60Hz

Shore limit
 AC input current limit A Overruled by remote

Dynamic current limiter
 External current sensor connected (see manual)

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



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Grid code selection VDE grid code settings

Country / grid code standard
 Germany: VDE-AR-N 4105:2018-11, internal NS protection

Show IP (NS) protection log

AC input related settings

Note: Click [here](#) for more info on LDM.

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Grid code selection VDE grid code settings

Protection function	Trip setting	Trip delay
under voltage	U < 184 V	> 3s
over voltage	U >> 264.5 V	< 100ms
under freq.	f < 47.5 Hz	< 100ms
over freq.	f > 51.5 Hz	< 100ms

Reconnection time > 60 s

Over voltage U> (10 min. running mean) V
 Start frequency for P(f>) function Hz
 Droop f> %
 Use Aux1 as disable FeedIn signal
 Max AC current % of INom
 Reactive power

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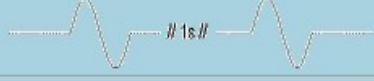
Inverter output voltage V PowerAssist
 Assist current boost factor

Ground relay

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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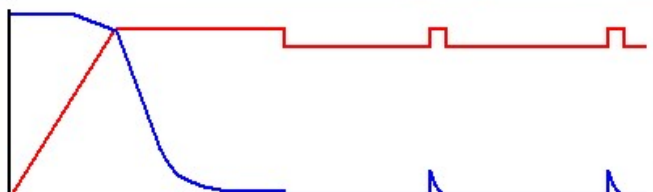
Enable charger
 Battery type: No corresponding default

Weak AC input
 Stop after excessive bulk

Lithium batteries

Charge curve

Absorption voltage V Repeated absorption time Hr
 Float voltage V Repeated absorption interval Days
 Charge current A Absorption time 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](#)

