


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
<b>under voltage</b> U <	184 V	> 3s
<b>over voltage</b> U >>	264.5 V	< 100ms
<b>under freq.</b> f <	47.5 Hz	< 100ms
<b>over freq.</b> 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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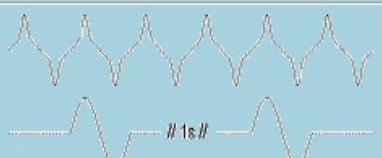
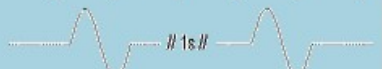
Inverter output voltage  V  PowerAssist  
 Assist current boost factor

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 

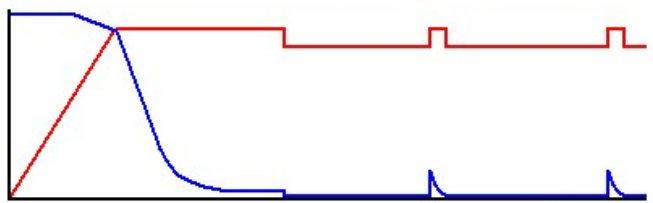
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Enable charger  
 Weak AC input   
 Stop after excessive bulk   
 Lithium batteries

Battery type: No corresponding default

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](#)

