



MultiPlus-II



Allgemeines **Grid** Wechselrichter Ladegerät Virtueller Schalter Assistenten

Grid code selection TOR Erzeuger Typ A grid code settings

Country / grid code standard

Austria: TOR-Erzeuger A V1.1:2019-12

AC input related settings

Above selected gridcode plus LOM B (compliant)

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



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at V1= 90.00 % Un maximum invert power is 100 %

at V2= 95.00 % Un maximum invert power is 100 %

at V3= 110.00 % Un maximum invert power is 100 %

at V4= 112.00 % Un maximum invert power is 0 %

Filter time P(U) setpoint (1T) 5.0 s

Reactive power

Reactive power regulation Use a fixed Cos Phi

Filter time reactive power (1T) 5.0 s

Cos phi is 1.00

Use lock-in/out

U Lock-in 100.0 % Un

U Lock-out 100.0 % Un



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20.02.2024



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Use Aux1 as disable FeedIn signal

Max AC current % of INom

Limit generated apparant power to % of rated power

Normal connect

waiting time s power rate: 100% per s

Low frequency Hz High frequency Hz

Low voltage % Un High voltage % Un

Reconnect after trip

waiting time s power rate: 100% per s

Low frequency Hz High frequency Hz

Low voltage % Un High voltage % Un

IP protection

Over voltage Un (10 min. running mean) % Un



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IP protection

Over voltage $U >$ (10 min. running mean) % U_n

STAGE 1

$U <$ % U_n Trip delay $U <$ s

$U >$ % U_n Trip delay $U >$ s

$f <$ Hz Trip delay $f <$ s

$f >$ Hz Trip delay $f >$ s

STAGE 2

$U <$ % U_n Trip delay $U <$ s

$U >$ % U_n Trip delay $U >$ s

$f <$ Hz Trip delay $f <$ s

$f >$ Hz Trip delay $f >$ s

PIF functionality



Dienstag, 20. Februar 2024



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20.02.2024



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P(f) functionality

Over frequency

Start freq f> Hz Stop freq f> Hz

Start delay f> s Stop delay f> s

Droop f> %

Under frequency

Start freq f< Hz Stop freq f< Hz

Start delay f< s Stop delay f< s

Droop f< %

P(U) response

When the AC input voltage varies, the maximum charge or invert power is reduced according to the following curve.

Below V1 and above V4 the level is kept at the level for V1 or V4 respectively. When the inverter power is reduced, the charge power will not be reduced and vice versa.



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