C E R T I F I C A T E
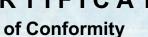## of Conformity

TÜVRheinland®

Registration No.: AK 50553371 0001

Report No.: CN222ZX9 001

Holder: SolaX Power Network Technology
(Zhe jiang) Co., Ltd.
No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Product: **PV-Inverter**
(Grid Tied Inverter With Storage System)

Identification:
```
Type Designation: X3-MGA-40K-G2     X3-MGA-50K-G2
                  X3-MGA-60K-G2
Firmware Version : XMEGA V003.00
Serial Number   : Engineering samples
Remark(s)       : This certification is coresponding with
                  commision regulation(EU)2016/631 RfG and
                  EN50549-1.
                  Refer to report CN222ZX9 001 for details.
```

Tested acc. to: PPDS:2021

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Certification Body

Date <u>29.07.2022</u>

Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

C E R T I F I C A T I O N

Registration No. AK 50553371 0001

Report No. CN222ZX9 001

License Holder : **SolaX Power Network Technology (Zhe jiang) Co., Ltd.**
No.288 Shizhu Road, Tonglu Economic Development Zone, Tonglu City,
Zhejiang Province 310000, P.R. China.

Standards : **PPDS :2021**

Attachment :

Parameter	Maximum switch-off time (s)	Shutdown settings
overvoltage 1. level [1]	3s[2]	230V + 10% (253 VAC)
overvoltage 2. level	1s[2]	230V + 15% (264,5 VAC)
overvoltage 3. level	0,1s[2]	230V + 20% (276 VAC)
undervoltage <	1,5s[2]	230V - 15% (195,5VAC)
overfrequency	0,5s	52 Hz
underfrequency	0,5s	47,5 Hz

(1) 10min value corresponding to EN50160. The calculation of the 10-min value shall comply with the 10min aggregation of EN
EN61000-4-30, class S. The function shall be based on the calculation of the square root of the arithmetic mean of the squared
input values over 10min. In deviation from EN61000-4-30 a moving window shall be used. The calculation of a new 10min value
at least every 3s is sufficient.

(2) Disconnecting time needs to be adjustable to meet requirement of LVRT and HVRT function

Date of issue : 29.07.2022