

Compliance Document

No. D 075386 0150 Rev. 00

Holder of Certificate: **Shenzhen Kstar New Energy Company Limited**
The 9th Floor, R&D Building
Kstar Industrial Park, Guangming Hi-tech Industrial Zone
518107 Shenzhen, Guangdong Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(Photovoltaic grid-connected inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290213008201

Date, 2021-05-21



(Billy Qiu)

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Model(s):

**BluE-G 3000S, BluE-G 3000D, BluE-G 3600D,
 BluE-G 4000D, BluE-G 4200D, BluE-G 4600D,
 BluE-G 5000D, BluE-G 6000D
 BluE-G 3000D-M0, BluE-G 3600D-M0,
 BluE-G 4000D-M0, BluE-G 4200D-M0,
 BluE-G 3000S-M1, BluE-G 3000D-M1,
 BluE-G 3600D-M1, BluE-G 4000D-M1,
 BluE-G 4200D-M1, BluE-G 4600D-M1,
 BluE-G 5000D-M1, BluE-G 6000D-M1**

Parameters:

| Model Specifications | BluE-G 3000S | BluE-G 3000D | BluE-G 3600D | BluE-G 4000D | BluE-G 4200D | BluE-G 4600D | BluE-G 5000D | BluE-G 6000D |
|-------------------------------------|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Input(DC) | | | | | | | | |
| Max. DC voltage | 600Vd.c. | | | | | | | |
| Normal DC voltage | 380Vd.c. | | | | | | | |
| MPPT voltage range | 80V-550Vd.c. | | | | | | | |
| Number of MPP trackers | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Strings per MPP tracker | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Max. input current per MPPT tracker | 12.5 Ad.c. | 11 Ad.c.*2 | 11 Ad.c.*2 | 11 Ad.c.*2 | 11 Ad.c.*2 | 12.5 Ad.c.*2 | 12.5 Ad.c.*2 | 12.5 Ad.c.*2 |
| PV short circuit current | 15.6 Ad.c. | 13.2 Ad.c. *2 | 13.2 Ad.c. *2 | 13.2 Ad.c. *2 | 13.2 Ad.c. *2 | 15.6 Ad.c. *2 | 15.6 Ad.c. *2 | 15.6 Ad.c. *2 |
| Output (AC) | | | | | | | | |
| Normal AC output Power | 3000W | 3000W | 3600W | 4000W | 4200W | 4600W | 5000W | 6000W |
| Max. AC output Power | 3300W | 3300W | 3960W | 4400W | 4620W | 5060W | 5500W | 6000W |
| Max. AC apparent Power | 3300VA | 3300VA | 3960VA | 4400VA | 4620VA | 5060VA | 5500VA | 6000VA |
| Normal AC voltage | 230Va.c. | | | | | | | |
| Normal AC grid frequency | 50 Hz | | | | | | | |
| Max. output current | 14.5 Aa.c. | 14.5 Aa.c. | 17.3 Aa.c. | 19 Aa.c. | 20 Aa.c. | 22 Aa.c. | 24 Aa.c. | 26 Aa.c. |
| Power Factor | 0.8 leading to 0.8 lagging | | | | | | | |

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| Model Specifications | BluE-G 3000S-M1 | BluE-G 3000D-M0 | BluE-G 3000D-M1 | BluE-G 3600D-M0 | BluE-G 3600D-M1 | BluE-G 4000D-M0 | BluE-G 4000D-M1 |
|-------------------------------------|----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Input(DC) | | | | | | | |
| Max. DC voltage | 600Vd.c. | | | | | | |
| Normal DC voltage | 380Vd.c. | | | | | | |
| MPPT voltage range | 80V-560Vd.c. | | | | | | |
| Number of MPP trackers | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| Strings per MPP tracker | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Max. input current per MPPT tracker | 15 Ad.c. | 13 Ad.c.*2 | 15 Ad.c.*2 | 13 Ad.c.*2 | 15 Ad.c.*2 | 13 Ad.c.*2 | 15 Ad.c.*2 |
| PV short circuit current | 18 Ad.c. | 15.6 Ad.c.*2 | 18 Ad.c.*2 | 15.6 Ad.c.*2 | 18 Ad.c.*2 | 15.6 Ad.c.*2 | 18 Ad.c.*2 |
| Output (AC) | | | | | | | |
| Normal AC output Power | 3000W | 3000W | 3000W | 3600W | 3600W | 4000W | 4000W |
| Max. AC output Power | 3300W | 3300W | 3300W | 3960W | 3960W | 4400W | 4400W |
| Max. AC apparent Power | 3300VA | 3300VA | 3300VA | 3960VA | 3960VA | 4400VA | 4400VA |
| Normal AC voltage | 230Va.c. | | | | | | |
| Normal AC grid frequency | 50 Hz | | | | | | |
| Max. output current | 14.5 Aa.c. | 14.5 Aa.c. | 14.5 Aa.c. | 17.3 Aa.c. | 17.3 Aa.c. | 19 Aa.c. | 19 Aa.c. |
| Power Factor | 0.8 leading to 0.8 lagging | | | | | | |

| Model Specifications | BluE-G 4200D-M0 | BluE-G 4200D-M1 | BluE-G 4600D-M1 | BluE-G 5000D-M1 | BluE-G 6000D-M1 |
|-------------------------------------|----------------------------|--------------------|--------------------|--------------------|--------------------|
| Input(DC) | | | | | |
| Max. DC voltage | 600Vd.c. | | | | |
| Normal DC voltage | 380Vd.c. | | | | |
| MPPT voltage range | 80V-560Vd.c. | | | | |
| Number of MPP trackers | 1 | 2 | 2 | 2 | 2 |
| Strings per MPP tracker | 1 | 1 | 1 | 1 | 1 |
| Max. input current per MPPT tracker | 13 Ad.c.*2 | 15 Ad.c.*2 | 15 Ad.c.*2 | 15 Ad.c.*2 | 15 Ad.c.*2 |
| PV short circuit current | 15.6 Ad.c.*2 | 18 Ad.c.*2 | 18 Ad.c.*2 | 18 Ad.c.*2 | 18 Ad.c.*2 |
| Output (AC) | | | | | |
| Normal AC output Power | 4200W | 4200W | 4600W | 5000W | 6000W |
| Max. AC output Power | 4620W | 4620W | 5060W | 5500W | 6000W |
| Max. AC apparent Power | 4620VA | 4620VA | 5060VA | 5500VA | 6000VA |
| Normal AC voltage | 230Va.c. | | | | |
| Normal AC grid frequency | 50 Hz | | | | |
| Max. output current | 20 Aa.c. | 20 Aa.c. | 22 Aa.c. | 24 Aa.c. | 26 Aa.c. |
| Power Factor | 0.8 leading to 0.8 lagging | | | | |



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**Tested
according to:**

DIN VDE 0126-1-1:2013 (with national deviation of France: DIN
VDE 0126-1-1 VFR 2019)
UTE C 15-712-1:2013