

Compliance Document

No. D 075386 0177 Rev. 00

Holder of Certificate: **Shenzhen Kstar New Energy Company Limited**
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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.: 64290223106501

Date, 2022-09-16



(Billy Qiu)

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Model(s): **BluE-G 3000S, 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, BluE-G 8000D**

Parameters:

Model	BluE-G 3000S	BluE-G 3000D-M1	BluE-G 3600D-M1	BluE-G 4000D-M1	BluE-G 4200D-M1
PV input rating					
Max. input power	4050 W	4050 W	4860 W	5400 W	5670 W
Rated input voltage	380 Vd.c	380 Vd.c	380 Vd.c	380 Vd.c	380 Vd.c
Max. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
MPPT voltage range	80~560Vd.c.	80~560Vd.c.	80~500Vd.c.	80~560Vd.c.	80~560Vd.c.
MPPT voltage range (full load)	280~480 Vd.c.	125~520 Vd.c.	150~520 Vd.c.	165~520 Vd.c.	170~520 Vd.c.
Maximum continue input current	15 Ad.c.	15/15 Ad.c.	15/15 Ad.c.	15/15 Ad.c.	15/15 Ad.c.
Isc PV	18 Ad.c.	18/18 Ad.c.	18/18 Ad.c.	18/18 Ad.c.	18/18 Ad.c.
Grid output rating					
Rated output voltage	1/N/PE, 230/400 Va.c.				
Rated output frequency	50/60 Hz				
Maximum continuous output current	14.5 Aa.c.	14.5 Aa.c.	17 Aa.c.	19 Aa.c.	20 Aa.c.
Rate output active power	3000 W	3000 W	3600 W	4000 W	4200 W
Maximum output apparent power	3300 VA	3300 VA	3960 VA	4400 VA	4620 VA
Power factor	0.8 leading ~ 0.8 lagging				

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Model	BluE-G 4600D-M1	BluE-G 5000D-M1	BluE-G 6000D-M1	BluE-G 8000D
PV input rating				
Max. input power	6210 W	6750 W	8100 W	10400 W
Rated input voltage	380 Vd.c	380 Vd.c	380 Vd.c	380 Vd.c
Max. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
MPPT voltage range	80~560Vd.c.	80~560Vd.c.	80~560Vd.c.	80~540Vd.c.
MPPT voltage range (full load)	190~520Vd.c.	210~520Vd.c.	250~520Vd.c.	250~500 Vd.c.
Maximum continue input current	15/15 Ad.c.	15/15 Ad.c.	15/15 Ad.c.	26/16 Ad.c.
Isc PV	18/18 Ad.c.	18/18 Ad.c.	18/18 Ad.c.	31.2/19.2 Ad.c.
Grid output rating				
Rated output voltage	1/N/PE, 230/400 Va.c.			
Rated output frequency	50/60 Hz			
Maximum continuous output current	22 Aa.c.	24 Aa.c.	26 Aa.c.	35 Aa.c.
Rate output active power	4600 W	5000 W	6000 W	8000 W
Maximum output apparent power	5060 VA	5500 VA	6000 VA	8000 VA
Power factor	0.8 leading ~ 0.8 lagging			

Tested according to:

IEC 61683:1999