

# Compliance Document

No. D 075386 0141 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  
(Hybrid 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290213009201

**Date,** 2021-05-20



( Billy Qiu )

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Model(s): **BluE-S 3680D, BluE-S 3680D-M1**

## Parameters:

Model	BluE-S 3680D	BluE-S 3680D-M1
PV terminal		
Vmax. PV	580Vd.c.	580Vd.c.
Rate Voltage	400Vd.c.	400Vd.c.
MPPT Voltage Range	120~550Vd.c.	80~560Vd.c.
MPPT Voltage Range (full load)	184 ~ 550Vd.c.	165 ~ 520Vd.c.
MPPT Tracker number	2	2
Max. continuous PV input current per tracker	13Ad.c.	15Ad.c.
Isc PV per tracker	16Ad.c.	18Ad.c.
Max. continuous PV input power	4800W	4800W
Battery terminal		
Battery type	Lithium or lead-acid batteries	Lithium or lead-acid batteries
Voltage range	40~60Vd.c.	40~60Vd.c.
Rated voltage	48Vd.c.	48Vd.c.
Maximum charge/discharge current	50Ad.c./80Ad.c.	50Ad.c./80Ad.c.
Maximum charge/discharge power	3000W/4000W	3000W/4000W
Grid terminal parameter		
Rated voltage	230Va.c.	230Va.c.
Rated frequency	50Hz	50Hz
Rated input Current	20Aa.c.	20Aa.c.
Maximum continuous input current	20Aa.c.	20Aa.c.
Maximum continuous input power	3680VA	3680VA
Rated output Current	16Aa.c.	16Aa.c.
Maximum continuous output current	16Aa.c.	16Aa.c.
Power factor (Cos phi), adjustable	0.8 leading ~0.8 lagging	0.8 leading ~0.8 lagging
Maximum continuous output power	3680VA	3680VA
Back up load terminal parameter		
Rated voltage	230Va.c.	230Va.c.
Rated frequency	50Hz	50Hz
Rated output Current	16Aa.c.	16Aa.c.
Maximum continuous output current	16Aa.c.	16Aa.c.
Rated continuous output power	3680W	3680W
Maximum output apparent power	4000VA	4000VA

**Tested according to:**

G98/1-4:2019