



Product Service

Attestation of Conformity

No. E8A 075386 0116 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

Name of Object: **Converter**
(Photovoltaic grid-connected inverter)

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 6877220000101

Date, 2020-05-20

(Laurent Yuan)

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After preparation of the necessary technical documentation as well as the EU Declaration of conformity the required CE marking can be affixed on the product. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): KSG-100UH, KSG-110UH,
KSG-125UH, KSG-136UH

Description of Object:

Ratings: See below table for details

Protection Class: I

| Model | KSG-100UH | KSG-110UH | KSG-125UH | KSG-136UH |
|--------------------------------|---------------------------|-----------|-----------|------------|
| PV input rating | | | | |
| Rated input voltage | 1080Vd.c. | | | |
| Max. input voltage | 1500Vd.c. | | | |
| MPPT voltage range | 600-1500Vd.c. | | | |
| MPPT voltage range (full load) | 900-1300Vd.c. | | | |
| Max. input current | 26Ad.c. *6 | | | |
| PV short circuit current | 35Ad.c. *6 | | | |
| Grid output rating | | | | |
| Rated output active power | 100KW | 110KW | 125KW | 136KW |
| Rated output apparent power | 100KVA | 110KVA | 125KVA | 136KVA |
| Rated output frequency | 50Hz | | | |
| Rated output voltage | 3W+PE, 800Va.c. | | | |
| Rated output current | 72.2Aa.c. | 79.4Aa.c. | 90.2Aa.c. | 98.0Aa.c. |
| Max. output current | 90.2Aa.c. | 90.2Aa.c. | 98.0Aa.c. | 108.0Aa.c. |
| Power factor | 0.8 leading ~ 0.8 lagging | | | |
| Protect class | CLASS I | | | |

Tested according to:

EN 61000-6-4:2007/A1:2011
EN IEC 61000-6-2:2019

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