



Product Service

# Attestation of Conformity

No. E8A 075386 0130 Rev. 01

**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  
(PV grid-interactive 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 6877220000602

**Date,** 2021-07-22

( 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-60K-TL, KSG-70K-TL,  
KSG-75K-TL, KSG-80K-TL**

## Description of

### Object:

Ratings: See below table for details

Model	KSG-60K-TL	KSG-70K-TL	KSG-75K-TL	KSG-80K-TL
V <sub>max</sub> PV	1100 Vd.c.	1100 Vd.c.	1100 Vd.c.	1100 Vd.c.
I <sub>sc</sub> PV	45 Ad.c. × 4	45 Ad.c. × 4	60 Ad.c. × 2 45 Ad.c. × 2	60 Ad.c. × 2 45 Ad.c. × 2
PV input operating voltage range	200 ~ 1000 Vd.c.	200 ~ 1000 Vd.c.	200 ~ 1000 Vd.c.	200 ~ 1000 Vd.c.
Maximum operating PV input current	33 Ad.c. × 4	33 Ad.c. × 4	44 Ad.c. × 2 33 Ad.c. × 2	44 Ad.c. × 2 33 Ad.c. × 2
Nominal output voltage	3P /N/ PE, 400Va.c.	3P /N/ PE, 400Va.c.	3P /N/ PE, 400Va.c.	3P /N/ PE, 400Va.c.
Nominal output frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Maximum continuous output current	95.3 Aa.c.	111.1 Aa.c.	109.0 Aa.c.	127.0 Aa.c.
Maximum continuous output power	66 KW	77 KW	75 KW	88 KW
Power factor (Cos φ)	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging
Protect class	I	I	I	I
Overvoltage category (OVC)	II (PV), III (Grid)	II (PV), III (Grid)	II (PV), III (Grid)	II (PV), III (Grid)
Pollution degree	PD 3	PD 3	PD 3	PD 3
Ingress protection	IP 65	IP 65	IP 65	IP 65
Ambient temperature range	-40°C to 60°C (derating above 45°C)	-40°C to 60°C (derating above 45°C)	-40°C to 60°C (derating above 45°C)	-40°C to 60°C (derating above 45°C)

**Tested according to:**

EN IEC 61000-6-4:2019  
EN IEC 61000-6-2:2019  
EN 61000-3-12:2011  
EN IEC 61000-3-11:2019

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