



Product Service

Attestation of Conformity

No. N8A 075386 0084 Rev. 02

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**
(PV grid-interactive inverter)

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection 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.: 64290180199403

Date, 2021-07-15

(Billy Qiu)

Page 1 of 2

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. The 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**

Parameters:

Model	KSG-60K-TL	KSG-70K-TL	KSG-75K-TL	KSG-80K-TL
V _{max} PV	1100 Vd.c.	1100 Vd.c.	1100 Vd.c.	1100 Vd.c.
I _{SC} 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, 230/ 400Va.c.	3P /N/ PE, 230/ 400Va.c.	3P /N/ PE, 230/ 400Va.c.	3P /N/ PE, 230/ 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 62109-1:2010
EN 62109-2:2011

Page 2 of 2

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