



Product Service

Attestation of Conformity

No. N8A 075386 0112 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**
(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. See also notes overleaf.

Test report no.: 64290193044301

Date, 2020-03-12


 (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.

TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD
 ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

Attestation of Conformity

No. N8A 075386 0112 Rev. 00

Model(s): KSG-30K-TL, KSG-33K-TL, KSG-36K-TL, KSG-40K-TL

Parameters:

Model	KSG-30K-TL	KSG-33K-TL	KSG-36K-TL	KSG-40K-TL
Maximum PV input voltage (V _{max} PV) (Vd.c.)	1100	1100	1100	1100
Rated input voltage (Vd.c.)	620	620	620	620
MPPT voltage range (Full load) (Vd.c.)	480-850	480-850	500-850	500-850
Maximum continuous d.c. input current (Ad.c.)	33/33	33/33	33/33/22	33/33/22
Maximum total PV array short circuit current (I _{sc} PV) (Ad.c.)	45/45	45/45	45/45/30	45/45/30
Number of MPP Trackers	2	2	3	3
Nominal a.c. output voltage (Va.c.)	3/N/PE, 230/400	3/N/PE, 230/400	3/N/PE, 230/400	3/N/PE, 230/400
Nominal a.c. output frequency (Hz)	50	50	50	50
Nominal a.c. output power (kW)	30	33	36	40
Nominal a.c. output current (Aa.c.)	43.3	47.6	52.0	57.7
Power factor range (adjustable)	0.8 un – 0.8 ov	0.8 un – 0.8 ov	0.8 un – 0.8 ov	0.8 un – 0.8 ov
Protective Class	I	I	I	I
Ingress protection	IP65	IP65	IP65	IP65

Tested according to: EN 62109-1:2010
EN 62109-2:2011

Page 2 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.