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 ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFIKAT ◆ CERTIFICADO ◆ CERTIFICATE



Product Service

CERTIFICATE

No. Z2 075386 0111 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

Certification Mark:




Product: **Converter (PV grid-interactive inverter)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 64290193044301

Valid until: 2025-03-11

Date, 2020-03-12 
 (Billy Qiu)



A4 / 07.17



Product Service

CERTIFICATE

No. Z2 075386 0111 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 (V _{a.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 (A _{a.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: IEC 62109-1(ed.1)
EN 62109-1:2010
IEC 62109-2(ed.1)
EN 62109-2:2011

Production Facility(ies): 076189

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