

TUV SUD
ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

CERTIFICATE

No. Z2 075386 0033 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

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.: 64290160004105

Valid until: 2025-01-02

Date, 2020-01-03

(Billy Qiu)



Product Service

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Model(s): KSG-3.2K-DM, KSG-3.6K-DM, KSG-3.9K-DM, KSG-4K-DM, KSG-4.2K-DM, KSG-4.6K-DM, KSG-4.9K-DM, KSG-5K-DM, KSG-5.2K-DM

Parameters:

Model	KSG-3.2K-DM	KSG-3.6K-DM	KSG-3.9K-DM	KSG-4K-DM	KSG-4.2K-DM
Vmax PV	500 Vd.c.	500 Vd.c.	500 Vd.c.	500 Vd.c.	500 Vd.c.
MPPT range (full load)	150 ~ 400 Vd.c.	165 ~ 400 Vd.c.	156 ~ 400 Vd.c.	165 ~ 400 Vd.c.	168 ~ 400 Vd.c.
Isc PV	2 x 13.2 Ad.c.	2 x 15.6 Ad.c.	2 x 15.6 Ad.c.	2 x 15.6 Ad.c.	2 x 15.6 Ad.c.
Max. continuous output current	14 Aa.c.	16 Aa.c.	17 Aa.c.	17.5 Aa.c.	18 Aa.c.
Nominal output power	3200 W	3680 W	3900 W	4000 W	4200 W
Nominal AC Frequency	50/60 Hz	50/60 Hz	50 Hz	50/60 Hz	50 Hz
Nominal AC voltage	230 Va.c.				
Power factor (full load)	>0.99				
Protective class	I				
Ingress protection	IP65				

Model	KSG-4.6K-DM	KSG-4.9K-DM	KSG-5K-DM	KSG-5.2K-DM
Vmax PV	500 Vd.c.	500 Vd.c.	500 Vd.c.	500 Vd.c.
MPPT range (full load)	200 ~ 400 Vd.c.	196 ~ 400 Vd.c.	200 ~ 400 Vd.c.	208 ~ 400 Vd.c.
Isc PV	2 x 15.6 Ad.c.	2 x 15.6 Ad.c.	2 x 15.6 Ad.c.	2 x 15.6 Ad.c.
Max. continuous output current	20 Aa.c.	21.5 Aa.c.	22 Aa.c.	22.5 Aa.c.
Nominal output power	4600 W	4900 W	5000 W	5200 W
Nominal AC Frequency	50/60 Hz	50 Hz	50/60 Hz	50 Hz
Nominal AC voltage	230 Va.c.			
Power factor (full load)	>0.99			
Protective class	I			
Ingress protection	IP65			

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

Production Facility(ies): 076189

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