



Product Service

CERTIFICATE

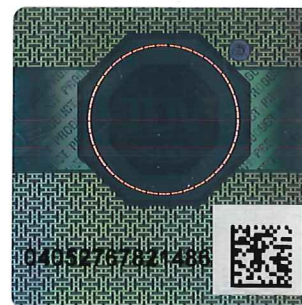
No. Z2 16 07 75386 042

Holder of Certificate: Shenzhen Kstar New Energy Company LimitedThe 9th Floor, R&D Building
Kstar Industrial Park, Guangming Hi-tech Industrial Zone
518107 Shenzhen, Guangdong Province
PEOPLE'S REPUBLIC OF CHINA**Production Facility(ies):** 76189**Certification Mark:****Product:** Converter
(PV grid-interactive inverter)**Model(s):** KSG-1K-SM, KSG-1.5K-SM,
KSG-2K-SM, KSG-3K-SM**Parameters:**
Vmax PV: 500 Vd.c.
Nominal AC Frequency: 50 Hz
See page 2 for more details**Tested according to:** IEC 62109-1(ed.1)
EN 62109-1:2010
IEC 62109-2(ed.1)
EN 62109-2:2011
IEC 61727(ed.2)
IEC 62116(ed.2)

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.: 64290160254901**Valid until:** 2021-07-03**Date,** 2016-07-05

Page 1 of 2

(Billy Qiu)



Product Service

CERTIFICATE

No. Z2 16 07 75386 042

Model	KSG-1K-SM	KSG-1.5K-SM	KSG-2K-SM	KSG-3K-SM
Vmax PV	500 Vd.c.	500 Vd.c.	500 Vd.c.	500 Vd.c.
Isc PV	13,2 Ad.c.	13,2 Ad.c.	13,2 Ad.c.	15,6 Ad.c.
Max. continuous output current	4,5 Aa.c.	7 Aa.c.	9 Aa.c.	14 Aa.c.
Max. continuous output power	1000 W	1500 W	2000 W	3000 W
Nominal AC Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Nominal AC voltage	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Power factor (full load)	>0,99	>0,99	>0,99	>0,99
Protective class	I	I	I	I
Ingress protection	IP65	IP65	IP65	IP65

Test report no.: 64290160254901

Date, 2016-07-05