



Product Service

# CERTIFICATE

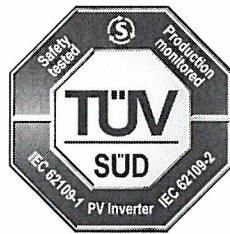
No. Z2 17 12 75386 069

**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)**

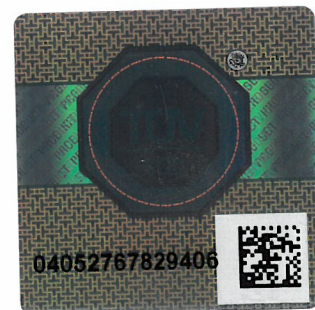
The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties.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

**Test report no.:** 64290160003702

**Valid until:** 2022-12-20

**Date,** 2017-12-21

  
(Billy Qiu)



Page 1 of 2



Product Service

**CERTIFICATE**  
**No. Z2 17 12 75386 069**

**Model(s):** KSG-10K, KSG-12K, KSG-15K, KSG-17K, KSG-20K

**Parameters:**

V <sub>max</sub> PV (Vd.c.):	1000
I <sub>sc</sub> PV (Ad.c):	29 (KSG-10K, KSG-12K) 46 (KSG-15K, KSG-17K, KSG-20K)
Maximum continuous a.c. output current (A):	15 (KSG-10K) 18 (KSG-12K) 22 (KSG-15K) 25 (KSG-17K) 29 (KSG-20K)
Maximum continuous a.c. output power (kW):	10 (KSG-10K) 12 (KSG-12K) 15 (KSG-15K) 17 (KSG-17K) 20 (KSG-20K)
Nominal AC voltage (Va.c.):	3/N/PE 230/400
Nominal a.c. output frequency (Hz):	50/60
Protective class:	I
IP code:	IP65

**Tested according to:** IEC 62109-1(ed.1)  
 EN 62109-1:2010  
 IEC 62109-2:2011(ed.1)  
 EN 62109-2:2011

**Production Facility(ies):** 76189