



Product Service

CERTIFICATE

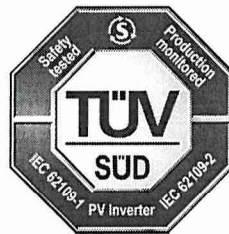
No. Z2 18 04 75386 080

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.: 64290180097901

Valid until: 2023-04-10

Date, 2018-04-11


(Billy Qiu)



Page 1 of 2



Product Service

CERTIFICATE
No. Z2 18 04 75386 080**Model(s):** **KSG-12K****Parameters:**

PV parameter	
-V _{max} PV:	1000 Vd.c.
-I _{sc} PV per tracker:	15 Ad.c.
-MPPT PV voltage range:	250~950 Vd.c.
-MPPT tracker number:	2
AC parameter	
-Nominal a.c. output voltage:	3/N/PE, 127/220Va.c.
-Nominal a.c. output frequency:	60 Hz
-Maximum continuous a.c. output current:	32 Aa.c.
-Maximum continuous a.c. output power:	12 kW
-Power factor range:	0.8 leading~0.8 lagging
General parameter	
-Operation temperature range:	-25~60 °C
-Protection class:	I
-Ingress protection:	IP65

Tested according to: IEC 62109-1(ed.1)
IEC 62109-2(ed.1)**Production Facility(ies):** 76189