



Product Service

CERTIFICATE

No. Z2 075386 0118 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**
(Photovoltaic grid-connected 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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290203028301

Valid until: 2025-07-02

Date, 2020-07-03

(Billy Qiu)

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Model(s): KSG-175UH, KSG-200UH, KSG-225UH, KSG-250UH

Parameters:

Model	KSG-175UH	KSG-200UH	KSG-225UH	KSG-250UH
PV input rating				
Max. input voltage	1500Vd.c.			
Rated input voltage	1080Vd.c.			
MPPT voltage range	600-1500Vd.c.			
MPPT voltage range (full load)	880-1300Vd.c.			
Max. input current per MPPT	26Ad.c.			
PV short circuit current per MPPT	40Ad.c.			
MPPT number	12			
String number per MPPT	2			
Grid output rating				
Rated output voltage	3W+PE, 800Va.c.			
Rated output frequency	50/60Hz			
Rated output current	126.3Aa.c.	126.3Aa.c.	162.4Aa.c.	162.4Aa.c.
Max. output current	144.3Aa.c.	144.3Aa.c.	178.6Aa.c.	180.4Aa.c.
Rated output active power	175kW	175kW	225kW	225kW
Max. active power	200kW	200kW	247.5kW	250kW
Max. output apparent power	200kVA	200kVA	247.5kVA	250kVA
Power factor	0.8 leading ~ 0.8 lagging			
General parameter				
Ingress protection rating	IP66			
Overvoltage category	OVC II(DC), OVC III(Grid)			
Ambient temperature range	-25 ~ 60°C			
Protect class	Class I			

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

Production Facility(ies): 076189