ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. Z2 075386 0113 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. See also notes overleaf.

Test report no.: 64290203001101

Valid until: 2025-04-13

Date, 2020-04-14

(Billy Qiu)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

A4 / 07.17

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. Z2 075386 0113 Rev. 00

Model(s): **KSG-100UH, KSG-110UH, KSG-125UH, KSG-136UH**

Parameters:

Model	KSG-100UH	KSG-110UH	KSG-125UH	KSG-136UH
PV input rating				
Rated input voltage	1080Vd.c.			
Max. input voltage	1500Vd.c.			
MPPT voltage range	600-1500Vd.c.			
MPPT voltage range (full load)	900-1300Vd.c.			
Max. input current	26Ad.c. *6			
PV short circuit current	35Ad.c. *6			
Gird output rating				
Rated output active power	100KW	110KW	125KW	136KW
Rated output apparent power	100KVA	110KVA	125KVA	136KVA
Rated output frequency	50Hz			
Rated output voltage	3W+PE, 800Va.c.			
Rated output current	72.2Aa.c.	79.4Aa.c.	90.2Aa.c.	98.0Aa.c.
Max. output current	90.2Aa.c.	90.2Aa.c.	98.0Aa.c.	108.0Aa.c.
Power factor	0.8 leading ~ 0.8 lagging			
General parameter				
Ingress protection rating	IP66			
Altitude	≤ 4000m			
Ambient temperature range	-25 ~ 60°C (>+50°C derating)	-25 ~ 60°C (>+50°C derating)	-25 ~ 60°C (>+50°C derating)	-25 ~ 60°C (>+40°C derating)
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

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

A4 / 07.17