

Compliance Document

No. D 075386 0122 Rev. 01

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

Product: **Converter**
(Photovoltaic grid-connected inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290203029402

Date, 2020-10-19



(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	50Hz			
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				
Overvoltage category	OVC II(DC), OVC III(Grid)			
Protect class	Class I			

Tested according to:

IEC 61727:2004
IEC 62116:2014
IEC 61000-3-12:2011
IEC 61000-3-11:2000