



Product Service

Attestation of Conformity

No. E8A 075386 0185 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

Name of Object: **Converter**
(Photovoltaic grid-connected inverter)

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64772223105601

Date, 2022-11-29

(Tony Liu)

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After preparation of the necessary technical documentation as well as the EU Declaration of conformity the required CE marking can be affixed on the product. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): E8KT, E10KT, E12KT

Description of Object:

Model Name	E8KT	E10KT	E12KT
Battery Input Data			
Battery Type	Lithium or lead-acid battery		
Battery Voltage Range	44~58 Vd.c.		
Max. Charge Current	160 Ad.c.		
Max. Discharge Current	160 Ad.c.	200 Ad.c.	
Max. Charge Power	8000 W		
Max. Discharge Power	8000 W	10000 W	
PV String Input Data			
Max. PV Input Power	16000 W	20000 W	20000 W
Max. PV Input Voltage	1100 Vd.c.		
MPPT Range	140-1000 Vd.c.		
MPPT Range (Full load)	380~850 Vd.c.	420~850 Vd.c.	480~850 Vd.c.
Nominal PV Input Voltage	720 Vd.c.		
Max. Input Current	15/15 Ad.c.		
Max. Short Current	20/20 Ad.c.		
No. of MPP Trackers	2		
Strings per MPP Tracker	1		
AC terminal Data(On-grid)			
Nominal Output Power	8000 W	10000 W	12000 W
Max. Output Power	8800 VA	11000 VA	13200 VA
Nominal Input Power	16000 W	17800 W	
Max. Input Power	16000 VA	17800 VA	
Nominal Output Voltage	3L/N/PE, 230/400 Va.c.		
Nominal Output Frequency	50/60 Hz		
Max. Output AC Current	12.8 Aa.c.	16 Aa.c.	19.2 Aa.c.
Rated Output AC Current	11.6 Aa.c.	14.5 Aa.c.	17.4 Aa.c.
Max. Input AC Current	25 Aa.c.	25 Aa.c.	
Output Power Factor	Adjustable from 0.8 leading to 0.8 lagging		
AC Output Data (Back-up/Load Control)			
Max. Output Power	8000 VA	10000 VA	10000 VA
Rated Output Power	7360 W	9200 W	9200 W

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Rated Output current	10.7 Aa.c.	13.3 Aa.c.	13.3 Aa.c.
Max. Output Current	11.6 Aa.c	14.5 Aa.c.	14.5 Aa.c.
Nominal Output Voltage	3L/N/PE, 230/400Va.c.		
Nominal Output Frequency	50/60 Hz		
General Data			
Operating Temperature Range	-25°C ~+60°C (derating at 40°C)		
Relative Humidity	0-95%		
Operating Altitude	≤2000 m		
Cooling	Nature Cooling		
Protection class	I		
Ingress protection	IP65		

Tested according to:

EN IEC 61000-6-1:2019
 EN IEC 61000-6-2:2019
 EN IEC 61000-6-3:2021
 EN IEC 61000-6-4:2019
 EN IEC 61000-3-2:2019/A1:2021
 EN 61000-3-3:2013/A2:2021
 EN IEC 61000-3-11:2019
 EN 61000-3-12:2011

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