



Product Service

Attestation of Conformity

No. N8A 075386 0187 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

Product: **Converter
(Hybrid Solar Inverter)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection 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.: 64290223105501

Date, 2022-12-06



(Billy Qiu)

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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. The 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

Parameters:

| Model Name | E8KT | E10KT | E12KT |
|--|--|---------------|---------------|
| Battery terminal Data | | | |
| 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 Ad.c. x 2 | | |
| Max. Short Current | 20 Ad.c. x 2 | | |
| 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 | 3W/N/PE, 230/400 Va.c. | | |
| Nominal Output Frequency | 50/60 Hz | | |
| Max. AC Output Current | 12.8 Aa.c. | 16 Aa.c. | 19.2 Aa.c. |
| Rated AC Output Current | 11.6 Aa.c. | 14.5 Aa.c. | 17.4 Aa.c. |
| Max. AC Input Current | 25 Aa.c. | 25 Aa.c. | |
| Rated AC Input Current | 23.2 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 |
| 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 | 3/N/PE, 230/400Va.c. | | |
| Nominal Output Frequency | 50/60 Hz | | |
| General Data | | | |
| Operating Temperature Range | -25°C ~+60°C (derating above 40°C) | | |
| Relative Humidity | 0-95% | | |
| Operating Altitude | ≤2000 m | | |
| Cooling | Nature Cooling | | |
| Protection class | I | | |
| Ingress protection | IP65 | | |



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**Tested
according to:**

EN 62109-1:2010
EN 62109-2:2011

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