



Product Service

Attestation of Conformity

No. E8A 075386 0195 Rev. 00

Holder of Attestation: **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
(Hybrid 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 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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64772223104901

Date, 2023-02-16

(Tony Liu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.





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Model(s): KAC50DP

Description of Object:

| | |
|---|--|
| Model: | KAC50DP |
| PV input terminal parameters: | |
| Maximum input voltage | 1000 V d.c. |
| MPPT voltage range | 350 V d.c. ~ 800 V d.c. |
| MPPT voltage range (full load) | 667 V d.c. ~ 750 V d.c. |
| Maximum continuous PV input current | 36/36/36 A d.c. |
| Maximum PV short circuit current | 40/40/40 A d.c. |
| Maximum continuous PV input power | 75 kW |
| Battery input/output terminal parameters: | |
| Battery type | Lithium-ion battery |
| Rated voltage | 512 V d.c. |
| Battery voltage range | 350 V d.c. ~ 750 V d.c. |
| Rated charging power | 50 kW |
| Maximum charging current | 55/55 A d.c. |
| Rated discharging power | 50 kW |
| Maximum discharging current | 55/55 A d.c. |
| AC input terminal parameters: | |
| Rated input voltage | 400 V a.c., 3/PE |
| Rated input frequency | 50 / 60 Hz |
| Maximum continuous input current | 80 A a.c. |
| Maximum input active power | 50 kW |
| Maximum input apparent power | 55 kVA |
| AC output rating | |
| Rated output voltage | 400 V a.c., 3/PE |
| Rated output frequency | 50 / 60 Hz |
| Maximum continuous output current | 80 A a.c. |
| Maximum continuous output active power | 50 kW |
| Maximum continuous output apparent power | 55 kVA |
| Power factor | 0.9 leading to 0.9 lagging |
| General | |
| Operating temperature range | -25 °C ~ 60 °C (Derating above 45 °C) |
| Protection class | I |
| Ingress protection | IP65 |
| Operating altitude range | ≤3000m |

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**Tested
according to:**

EN IEC 61000-6-2:2019
EN IEC 61000-6-4:2019
EN IEC 61000-3-11:2019
EN 61000-3-12:2011

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