



Product Service

Attestation of Conformity

No. E8A 076644 0029 Rev. 00

Holder of Attestation: **EAST Group Co., Ltd.**

No.6 Northern Industry Road
Songshan Lake Sci. & Tech. Industry Park
523808 DongGuan City, 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.: 64772233090701

Date, 2023-08-02

(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): EAHI-6000-SL-S

Description of Object:

Model	EAHI-6000-SL-S
PV input rating	
Max. input power	8000 W
Rated input voltage	360 V d.c.
Max. input voltage	550 V d.c.
MPPT voltage range	100 V d.c. – 540 V d.c.
MPPT voltage range (full load)	250 V d.c. – 450 V d.c.
Max. input current	15/15 A d.c.
PV short circuit current	20/20 A d.c.
Battery input/output rating	
Battery type	Li-ion
Rated voltage	51.2 V d.c.
Battery voltage range	40.8 V d.c. – 57.6 V d.c.
Max. charging power	5000 W
Max. charging current	100 A d.c.
Max. discharging power	6000 W
Max. discharging current	120 A d.c.
Grid rating	
Rated voltage	230 V a.c., L/N/PE
Rated frequency	50/60 Hz
Rated input/output power	6000 W
Max. apparent power	6000 VA
Max. current	26.09 A a.c.
Power factor	0.8 leading – 0.8 lagging
Backup load output rating	
Rated output voltage	230 V a.c., L/N/PE
Rated output frequency	50/60 Hz
Rated output power	6000 W
Max. output apparent power	6000 VA
Max. output current	26.09 A a.c.
General parameter	
Protect class	Class I
Ingress protection rating	IP66
Ambient temperature range	-25 °C to 60 °C (Derating above 45 °C)
Altitude	≤ 4000m

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**Tested
according to:**

EN IEC 61000-6-1:2019
EN IEC 61000-6-3:2021

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