



Product Service

Attestation of Conformity

No. N8A 076644 0015 Rev. 00

Holder of Certificate: **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

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. See also notes overleaf.

Test report no.: 64290180599501

Date, 2019-04-18


(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): EA5KHD

Parameters:

PV input rating	
Max. input power	5500 W
Rated input voltage	360 Vd.c.
Max. input voltage	550 Vd.c.
MPPT voltage range	120 Vd.c. – 530 Vd.c.
MPPT voltage range (full load)	250 Vd.c. – 450 Vd.c.
Max. input current	2 x 12 Ad.c.
PV short circuit current	2 x 15 Ad.c.
Battery input/output rating	
Battery type	Lithium or Lead-acid
Rated voltage (Lithium)	51.2 Vd.c.
Battery voltage range(Lithium)	46.4 Vd.c. - 57.6 Vd.c.
Rated voltage (Lead-acid)	48 Vd.c.
Battery voltage range(Lead-acid)	40 Vd.c. - 58 Vd.c.
Max. charging power	2500 W
Max. charging current	50 Ad.c.
Max. discharging power	2500 W
Max. discharging current	50 Ad.c.
Grid input rating	
Rated input voltage	230 Va.c.
Rated grid frequency	50 Hz
Max. input apparent power	2000 VA
Max. input active power	2000 W
Max. input current	8.7 Aa.c
Grid output rating	
Max. output apparent power	5000 VA
Max. output active power	5000 W
Rated output voltage	230 Va.c.
Max. output current	21.7 Aa.c.
Rated output frequency	50 Hz
Power factor	0.9 leading - 0.9 lagging
AC load output rating	
Max. output apparent power	2000 VA

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Max. output active power	2000 W
Rated output voltage	230 Va.c.
Max. output current	8.7 Aa.c.
Rated output frequency	50 Hz
General	
Operating temperature range	0 - 40°C
Protective class	I
Ingress protection	IP20

**Tested
according to:**

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

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