



Product Service

Attestation of Conformity

No. N8A 17 12 76644 010

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)**Model(s):** EA3KHD, EA3.6KHD**Parameters:**
Max. input power: 4500 W
Rated input voltage: 360 Vd.c.
Max. input voltage: 500 Vd.c.
See page 2 for more parameter details.**Tested according to:** EN 62109-1:2010
EN 62109-2:2011

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.: 64290170470601**Date,** 2017-12-29
(Billy Qiu)

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	EA3KHD	EA3.6KHD
PV input rating		
Max. input power	4500 W	4500 W
Rated input voltage	360 Vd.c.	360 Vd.c.
Max. input voltage	500 Vd.c.	500 Vd.c.
MPPT voltage range	250 Vd.c. – 450 Vd.c.	250 Vd.c. – 450 Vd.c.
Max. input current	18 Ad.c.	18 Ad.c.
PV short circuit current	18 Ad.c.	18 Ad.c.
Battery input/output rating		
Battery type	Lithium / Lead-acid	Lithium / Lead-acid
Rated voltage (Lithium)	51.2 Vd.c.	51.2 Vd.c.
Battery voltage range(Lithium)	46.4 Vd.c. - 57.6 Vd.c.	46.4 Vd.c. - 57.6 Vd.c.
Rated voltage(Lead-acid)	48.0 Vd.c.	48.0 Vd.c.
Battery voltage range(Lead-acid)	40.0 Vd.c. - 58.0 Vd.c.	40.0 Vd.c. - 58.0 Vd.c.
Max. charging power	1500 W	1500 W
Max. charging current	25 Ad.c.	25 Ad.c.
Rated discharging power	3000W	2000 W
Max. discharging current	100 Ad.c	100 Ad.c
Grid input rating		
Rated input voltage	230 Va.c.	230 Va.c.
Rated grid frequency	50/60 Hz	50/60 Hz
Rated input apparent power	3000 VA	2000 VA
Rated input active power	3000 W	2000 W
Rated input current	13.0 Aa.c.	8.7 Aa.c.
Grid output rating		
Rated output apparent power	3000 VA	3600 VA
Rated output active power	3000 W	3600 W
Rated output voltage	230 Va.c.	230 Va.c.
Rated output current	13.0 Aa.c	15.6 Aa.c
Rated output frequency	50/60 Hz	50/60 Hz
Power factor	0.9 leading - 0.9 lagging	0.9 leading - 0.9 lagging
AC load output rating		
Rated output apparent power	3000 VA	2000 VA
Rated output active power	3000 W	2000 W
Rated output voltage	230 Va.c.	230 Va.c.
Rated output current	13.0 Aa.c.	8.7 Aa.c.
Rated output frequency	50/60 Hz	50/60 Hz
General		
Operating temperature range	0 °C to 40 °C	0 °C to 40 °C
Protective class	I	I
Ingress protection	IP 20	IP 20

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