Attestation of Conformity

No. E8A 076644 0023 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.: 64772223084201

Date, 2023-06-27

(Tony Liu)

Page 1 of 3
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, EAHI-5000-SL, EAHI-3600-SL, EAHI-3000-SL**

Description of Object:

Model	EAHI-3000-SL	EAHI-3600-SL	EAHI-5000-SL	EAHI-6000-SL
PV input rating				
Max. input power	4680W	4680W	6500W	7800W
Rated input voltage	360Vd.c.			
Max. input voltage	550Vd.c.			
MPPT voltage range	100Vd.c. – 540Vd.c.			
MPPT voltage range (full load)	250Vd.c. – 450Vd.c.			
Max. input current	15Ad.c.		15Ad.c.*2	
PV short circuit current	20Ad.c.		20Ad.c.*2	
Battery input / output rating				
Battery type	Li-ion, Lead-acid battery			
Rated voltage	48Vd.c / 51.2Vd.c.			
Battery voltage range	42Vd.c. – 58Vd.c.			
Max. charging power	3000W	3600W	5000W	5000W
Max. charging current	66Ad.c.	75Ad.c.	100Ad.c.	100Ad.c.
Max. discharging power	3000W	3600W	5000W	6000W
Max. discharging current	66Ad.c.	75Ad.c.	100Ad.c.	120Ad.c.
Grid input rating				
Rated input voltage	230Va.c.			
Rated grid frequency	50Hz			
Max. input power	3000W	3600W	5000W	6000W
Rated input current	13.05 Aa.c.	15.7 Aa.c.	21.8 Aa.c.	26.09 Aa.c.
Max. input current	13.05 Aa.c.	15.7 Aa.c.	21.8 Aa.c.	26.09 Aa.c.
Gird output rating				
Rated output power	3000W	3600W	5000W	6000W
Max. output power	3000W	3600W	5000W	6000W
Rated output voltage	230Va.c.			
Rated output frequency	50Hz			
Rated output current	13.05 Aa.c.	15.7 Aa.c.	21.8 Aa.c.	26.09 Aa.c.
Max. output current	13.05 Aa.c.	15.7 Aa.c.	21.8 Aa.c.	26.09 Aa.c.
Power factor	0.8 leading – 0.8 lagging			
AC load output rating				
Rated output power	3000W	3600W	5000W	6000W
Max. output power	3000W	3600W	5000W	6000W
Rated output voltage	230Va.c.			
Rated output frequency	50Hz			

Attestation of Conformity

No. E8A 076644 0023 Rev. 00

Rated output current	13.05 Aa.c.	15.7 Aa.c.	21.8 Aa.c.	26.09 Aa.c.
Max. output current	13.05 Aa.c.	15.7 Aa.c.	21.8 Aa.c.	26.09 Aa.c.
General parameter				
Ingress protection rating	IP66			
Ambient temperature range	-25°C to 60°C (> 45°C derating)			
Protective class	Class I			

Tested according to:

EN IEC 61000-6-2:2019
EN IEC 61000-6-3:2021
EN 55011:2016/A2:2021

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