

Compliance Document

No. D 076644 0026 Rev. 00

Holder of Certificate: **EAST Group Co., Ltd.**
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Songshan Lake Sci. & Tech. Industry Park
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PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(Hybrid Inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290233072301

Date, 2023-07-13



(Billy Qiu)

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Model(s): **EAHI-3000-SL, EAHI-3600-SL,
EAHI-5000-SL, EAHI-6000-SL**

Parameters:

Model	EAHI-3000-SL	EAHI-3600-SL	EAHI-5000-SL	EAHI-6000-SL
PV input rating				
Rated input voltage	360 V d.c.			
Maximum input voltage	550 V d.c.			
MPPT voltage range	100 V d.c. – 540 V d.c.			
Full-load voltage range	250 V d.c. – 450 V d.c.			
Maximum input current	15 A d.c.		15 A d.c.*2	
Maximum short circuit current	20 A d.c.		20 A d.c.*2	
Maximum input power	4680 W	4680 W	6500 W	7800 W
Battery input / output rating				
Battery type	Lead-acid / Li-ion battery			
Rated voltage	48.0 V d.c. / 51.2 V d.c.			
Battery voltage range	42.0 V d.c. – 58.0 V d.c.			
Maximum charging current	66 A d.c.	75 A d.c.	100 A d.c.	100 A d.c.
Maximum charging power	3000 W	3600 W	5000 W	5000 W
Maximum discharging current	66 A d.c.	75 A d.c.	100 A d.c.	120 A d.c.
Maximum discharging power	3000 W	3600 W	5000 W	6000 W
Grid input rating				
Rated input voltage	230 V a.c.			
Rated output current	13.05 A a.c.	15.7 A a.c.	21.8 A a.c.	26.09 A a.c.
Maximum continuous input current	13.05 A a.c.	15.7 A a.c.	21.8 A a.c.	26.09 A a.c.
Maximum input power from grid to battery	3000 W	3600 W	5000 W	6000 W
Maximum input power from grid	3000 W	3600 W	5000 W	6000 W
Rated input frequency	50 Hz			
Grid output rating				
Rated output voltage	230 V a.c.			
Rated output current	13.05 A a.c.	15.7 A a.c.	21.8 A a.c.	26.09 A a.c.
Max. continuous output current	13.05 A a.c.	15.7 A a.c.	21.8 A a.c.	26.09 A a.c.
Rated output power	3000 W	3600 W	5000 W	6000 W
Maximum Output Active Power	3000 W	3600 W	5000 W	6000 W
Maximum Output Apparent Power	3000 VA	3600 VA	5000 VA	6000 VA
Rated output frequency	50 Hz			
Power factor	0.8 under-excited to 0.8 over-excited			

**Tested
according to:**

C10/11:2021