ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Attestation of Conformity

No. T8A 114411 0008 Rev. 00

Holder of Attestation: **THEA ENERGY PRIVATE LIMITED**
Y17 EP Block Sector V Salt Lake Electronics Complex
Kolkata 700091
INDIA

Product: **Converter**
(Grid-Tied Solar Inverter)

This Attestation of Conformity is issued on a voluntary basis in support of the Conformity Assessment Module A of Radio Equipment Directive 2014/53/EU. On the basis of the referenced test reports, the samples of the listed product were found to comply with the essential requirements of the above mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the requirements of the Article(s) 3(2) and 3(3) only harmonized standards valid at the moment of issuing where used. The used standards cover the essential requirements of the Radio Equipment Directive as applicable to this product. The manufacturer must ensure compliance of the manufactured products with the technical documentation and other requirements of the Radio Equipment Directive that apply to them. National legal requirements have to be considered before bringing the product to the market. For details see: www.tuvsud.com/ps-cert

Test report no.: 64972203091202E

Date, 2023-05-11

(Tony Liu)

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.

TÜV SÜD Product Service GmbH • Ridlerstraße 65 • 80339 Munich • Germany

ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Attestation of Conformity

No. T8A 114411 0008 Rev. 00

Model(s): **SE-TH01 2.0TL1, SE-TH01 3.0TL1, SE-TH01 3.6TL1, SE-TH01 4.0TL1, SE-TH01 5.0TL1, SE-TH01 6.0TL1**

Parameters:

Model	SE-TH01 4.0TL1	SE-TH01 5.0TL1	SE-TH01 6.0TL1
PV terminal			
Vmax. PV	550Vd.c.		
MPPT Voltage Range	70-540Vd.c.		
MPPT Voltage Range (full load)	140 ~ 480Vd.c.	170 ~ 480Vd.c.	210 ~ 480Vd.c.
MPPT Tracker number	2		
Max. continuous PV input current per tracker	15/15Ad.c.		
Isc PV per tracker	20/20Ad.c.		
Grid terminal			
Rated voltage	230Va.c.		
Rated frequency	50Hz		
Maximum continuous output current	20Aa.c.	25Aa.c.	27.3Aa.c.
Rated output current	17.4Aa.c.	21.7Aa.c.	26.1Aa.c.
Maximum output current	19.1Aa.c.	23.9Aa.c.	26.1Aa.c.
Rated output power	4000W	5000W	6000W
Rated output Apparent power	4000W	5000W	6000W
Maximum continuous output Apparent power	4400VA	5500VA	6000VA
Power factor (Cos phi), adjustable	0.8 leading ~ 0.8 lagging		
Enclosure	IP65		
Temperature Range	-25°C ~ +60°C (derating at 45°C)		
Protective Class	I		
Altitude	up to 4000 m		

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.

CE

TÜV®

TÜV SÜD Product Service GmbH • Ridlerstraße 65 • 80339 Munich • Germany

ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Attestation of Conformity

No. T8A 114411 0008 Rev. 00

Model	SE-TH01 2.0TL1	SE-TH01 3.0TL1	SE-TH01 3.6TL1
PV terminal			
Vmax. PV	500Vd.c.		
MPPT Voltage Range	50-490Vd.c.		
MPPT Voltage Range (full load)	140 ~ 430Vd.c.	210 ~ 430Vd.c.	250 ~ 430Vd.c.
MPPT Tracker number	1		
Max. continuous PV input current per tracker	15Ad.c.		
Isc PV per tracker	20Ad.c.		
Grid terminal			
Rated voltage	230Va.c.		
Rated frequency	50Hz		
Maximum continuous output current	10Aa.c.	15Aa.c.	16Aa.c.
Rated output current	8.7Aa.c.	13.0Aa.c.	15.7Aa.c.
Maximum output current	9.6Aa.c.	14.3Aa.c.	15.7Aa.c.
Rated output power	2000W	3000W	3600W
Rated output Apparent power	2000VA	3000VA	3600VA
Maximum continuous output Apparent power	2200VA	3300VA	3600VA
Power factor (Cos phi), adjustable	0.8 leading ~ 0.8 lagging		
Enclosure	IP65		
Temperature Range	-25°C ~ +60°C (derating at 45°C)		
Protective Class	I		
Altitude	up to 4000 m		

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.

TÜV SÜD Product Service GmbH • Ridlerstraße 65 • 80339 Munich • Germany

TÜV®

ATTESTATION ◆ ATTESTATO ◆ ATESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Attestation of Conformity

No. T8A 114411 0008 Rev. 00

Test report No.:
64.972.20.30912.02E
(EN IEC 61000-6-1:2019, EN 61000-6-3:2007/A1:2011, EN IEC 61000-6-2:2019,
EN IEC 61000-6-4:2019, EN 61000-3-12:2011, EN IEC 61000-3-11:2019,
EN IEC 61000-3-2:2019, EN 61000-3-3:2013/A1:2019, EN 301 489-17 V3.2.4:2020,
EN 301 489-1 V2.2.3:2019, EN 300 328 V2.2.2:2019, EN 62479:2010, EN 50663:2017);
64.290.20.30911.03A (EN 62109-1:2010, EN 62109-2:2011);

Tested according to:

EN IEC 61000-6-1:2019
EN 61000-6-3:2007/A1:2011
EN IEC 61000-6-2:2019
EN IEC 61000-6-4:2019
EN 61000-3-12:2011
EN IEC 61000-3-11:2019
EN IEC 61000-3-2:2019
EN 61000-3-3:2013/A1:2019
EN 301 489-1 V2.2.3:2019
EN 301 489-17 V3.2.4:2020
EN 300 328 V2.2.2:2019
EN 62479:2010
EN 50663:2017
EN 62109-1:2010
EN 62109-2:2011

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.

CE

TÜV®

TÜV SÜD Product Service GmbH • Ridlerstraße 65 • 80339 Munich • Germany