Product Service

Attestation of Conformity

No. N8A 114411 0002 Rev. 01

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 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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.:   64290203091103A

Date,   2023-04-28

(Billy Qiu)

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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

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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 2.0TL1	SE-TH01 3.0TL1	SE-TH01 3.6TL1	SE-TH01 4.0TL1	SE-TH01 5.0TL1	SE-TH01 6.0TL1
PV terminal						
Vmax. PV	500Vd.c.			550Vd.c.		
MPPT Voltage Range	50-490Vd.c.			70-540Vd.c.		
MPPT Voltage Range (full load)	140 ~ 430 Vd.c.	210 ~ 430 Vd.c.	250 ~ 430 Vd.c.	140 ~ 480 Vd.c.	170 ~ 480 Vd.c.	210 ~ 480 Vd.c.
MPPT Tracker number	1			2		
Max. continuous PV input current per tracker	15Ad.c.			15/15Ad.c.		
Isc PV per tracker	20Ad.c.			20/20Ad.c.		
Grid terminal						
Rated voltage	220/230/240 Va.c.					
Rated frequency	50/60 Hz					
Maximum continuous output current	10Aa.c.	15Aa.c.	16Aa.c.	20Aa.c.	25Aa.c.	27.3Aa.c.
Rated output current	9.1/8.7/8.3 Aa.c.	13.6/13.0/12.5 Aa.c.	16/15.7/15.0 Aa.c.	18.2/17.4/16.7 Aa.c.	22.7/21.7/20.8 Aa.c.	27.3/26.1/25.0 Aa.c.
Maximum output current	10.0/9.6/9.2 Aa.c.	15.0/14.3/13.8 Aa.c.	16/15.7/15.0 Aa.c.	20.0/19.1/18.3 Aa.c.	25.0/23.9/22.9 Aa.c.	27.3/26.1/25.0 Aa.c.
Rated output power	2000W	3000W	3600W	4000W	5000W	6000W
Rated output Apparent power	2000VA	3000VA	3600VA	4000VA	5000VA	6000VA
Maximum continuous output Apparent power	2200VA	3300VA	3600VA	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					

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

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Tested according to:

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

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