

# Compliance Document

No. D 114411 0005 Rev. 01

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

**Product:** **Converter**  
**(Grid-Tied Solar 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290213079002A

**Date,** 2023-05-04



( Billy Qiu )

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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						
Nominal Voltage	360 Vd.c.					
Vmax. PV	500 Vd.c.			550 Vd.c.		
MPPT Voltage Range	50-490 Vd.c.			70-540 Vd.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	15 Ad.c.			15/15 Ad.c.		
Isc PV per tracker	20 Ad.c.			20/20 Ad.c.		
Grid terminal						
Rated voltage	230 Va.c.					
Rated frequency	50 Hz					
Maximum continuous output current	10 Aa.c.	15 Aa.c.	16 Aa.c.	20 Aa.c.	25 Aa.c.	27.3 Aa.c.
Rated output current	8.7 Aa.c.	13.0 Aa.c.	15.7 Aa.c.	17.4 Aa.c.	21.7 Aa.c.	26.1 Aa.c.
Maximum output current	9.6 Aa.c.	14.3 Aa.c.	15.7 Aa.c.	19.1 Aa.c.	23.9 Aa.c.	26.1 Aa.c.
Rated output power	2000 W	3000 W	3600 W	4000 W	5000 W	6000 W
Rated output Apparent power	2000 VA	3000 VA	3600 VA	4000 VA	5000 VA	6000 VA
Maximum continuous output Apparent power	2200 VA	3300 VA	3600 VA	4400 VA	5500 VA	6000 VA
Power factor	0.8 leading ~ 0.8 lagging					



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**Tested  
according to:**

IEC 61683:1999