

Compliance Document

No. D 114411 0003 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

Test report no.: 64290203091502A

Date, 2023-04-28



(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						
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	230Va.c.					
Rated frequency	50Hz					
Maximum continuous output current	10Aa.c.	15Aa.c.	16Aa.c.	20Aa.c.	25Aa.c.	27.3Aa.c.
Rated output current	8.7Aa.c.	13.0Aa.c.	15.7Aa.c.	17.4Aa.c.	21.7Aa.c.	26.1Aa.c.
Maximum output current	9.6Aa.c.	14.3Aa.c.	15.7Aa.c.	19.1Aa.c.	23.9Aa.c.	26.1Aa.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					

Tested according to:

IEC 61727:2004
IEC 62116:2014