



**BUREAU
VERITAS**

Attestation of Conformity

Attestation No.: 1888AP0327N035003
Equipment: Grid-connected PV Inverter
Brand Name: Thea
Test Model No.: SE-TH 50.0 TL3, SE-TH 60.0 TL3
Applicant: G P TRONICS PVT LTD
502 Kamalalaya Centre, 156A Lenin Sarani, Kolkata, India

Use in accordance with regulations:

The inverters are tested for functional safety, grid protection, specified environmental influences and efficiency. For detailed information, please watch the corresponding test reports.

Applied rules and standards

IEC 60068-2-1:2007	Environmental testing – Part 2-1: Tests – Test A: Cold
IEC 60068-2-2:2007	Environmental testing – Part 2-2: Tests – Test B: Dry heat
IEC 60068-2-14:2009	Environmental testing – Part 2-14: Tests – Test N: Change of temperature
IEC 60068-2-30:2005	Environmental testing – Part 2-30: Tests – Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)
IEC 61683:1999	Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
IEC 61727:2004	Characteristics of the utility interface
IEC 62116:2014	Islanding prevention measures for utility-interconnected photovoltaic inverters
EN 50530:2010	Overall efficiency of grid connected photovoltaic inverters

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Date: 2018-04-12

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Information given in this document is related to the tested specimen of the described electrical sample.