



**BUREAU
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Attestation of Conformity

Attestation No.: 1888AP1220N074001
Equipment: PV Grid inverter
Brand Name: **HITACHI**
Test Model No.: Hiverter Si-50K, Hiverter Si-60K, Hiverter Si-70K
Applicant: Hitachi Hi-Rel Power Electronics Pvt. Ltd.
SM 3 & 4, Sanand-II GIDC, Industrial Estate, Boll Village, Sanand-382
110, Gujarat, India.
Report No.: PV181220N074, PV181220N074-1, PV181220N074-2, WT186003741

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

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Date: 2019-03-01

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