intertek
Total Quality. Assured.

Certificate of Conformity

Certificate Number: CN-PV-190076

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specification/standard at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Hitachi Hi-Rel Power Electronics Pvt. Ltd. SM 3 & 4, Sanand – II GIDC, Industrial Estate, Boll Village, Sanand – 382 110, Gujarat, India.
Product:	Solar Grid Tied Inverter
Ratings & Principle Characteristics:	See Appendix to Certificate of Conformity
Model:	Hiverter Si-4.4K, Hiverter Si-5.5K, Hiverter Si-6.6K, Hiverter Si-8.8K, Hiverter Si-11K, Hiverter Si-12K
Brand Name:	HITACHI
Tested according to:	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: Damp heat, cyclic (12h +12h cycle) IEC 61683: 1999, Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China
Test Report No.:	191012014GZU-001

Additional information in Appendix.

Signature

Certification Manager: Grady Ye
Date: 4 December 2019

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190076

Ratings and principal characteristics:	Maximum d.c. input voltage: 1000 Vdc Input voltage range: 160-960 Vdc MPPT voltage range (full Load): 190-850 V (for Hiverter Si-4.4K); 240-850 V (for Hiverter Si-5.5K); 290-850 V (for Hiverter Si-6.6K); 380-850 V (for Hiverter Si-8.8K); 480-850 V (for Hiverter Si-11K); 575-850 V (for Hiverter Si-12K); Max. input current: 2×11 A Nominal output voltage: 3/N/PE230V/400Vac Max. output current: 3×6.4 A (for Hiverter Si-4.4K); 3×8.0 A (for Hiverter Si-5.5K); 3×9.6 A (for Hiverter Si-6.6K); 3×12.8A (for Hiverter Si-8.8K); 3×15.9 A (for Hiverter Si-11K); 3×19.1 A (for Hiverter Si-12K); Nominal frequency: 50 Hz Max. output power: 4400VA (for Hiverter Si-4.4K); 5500VA (for Hiverter Si-5.5K); 6600VA (for Hiverter Si-6.6K); 8800VA (for Hiverter Si-8.8K); 11000VA (for Hiverter Si-11K); 13200VA (for Hiverter Si-12K) Ingress protection: IP65 Operating temperature range: -25 ~ +60℃

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