intertek
Total Quality. Assured.

Certificate of Conformity

Certificate Number: CN-PV-190050

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specifications /standards 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 Name & Address:	Hitachi Hi-Rel Power Electronics Pvt. Ltd. SM 3 & 4, Sanand – II GIDC, Industrial Estate, Boll Village, Sanand – 382 110, Gujarat, India.
Product Description:	Solar Grid Tied Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models/Type References:	Hiverter Si-3.3K, Hiverter Si-4.4K, Hiverter Si-5K, Hiverter Si-5.5K, Hiverter Si-6.6K, Hiverter Si-8.8K, Hiverter Si-11K, Hiverter Si-12K
Brand Name:	HITACHI
Specification/Standard:	IEC 61727:2004, Photovoltaic (PV) systems – Characteristics of the Utility interface IEC 62116:2014, Test procedure of islanding prevention measures for Utility-interconnected photovoltaic inverter
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 Number:	191012003GZU-001, 191012003GZU-002

Additional information in Appendix.

Signature

Name: Grady Ye
Position: Certifier
Date: 13 November 2019

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190050.

Ratings & Principle Characteristics:

MODEL	Hiverter Si-3.3K	Hiverter Si-4.4K	Hiverter Si-5K	Hiverter Si-5.5K	Hiverter Si-6.6K
Max PV voltage	1000Vdc				
MPPT Voltage range	160-960Vdc				
Max. input current	11/11A				
PV Isc	14/14A				
Max power (VA)	3300	4400	5000	5500	6600
Max output current	3×4.8 A	3×6.4 A	3×8.0A	3×8.0A	3×9.6A
Output voltage	3W/N/PE 230Vac/400Vac				
Nominal Frequency	50 Hz				
Power Factor	0.8 Leading to 0.8 Lagging				
Ambient Temperature	-25℃ - +60℃				
Protection Degree	IP65				
Protection Class	Class I				

MODEL	Hiverter Si-8.8K	Hiverter Si-11K	Hiverter Si-12K
Max PV voltage	1000Vdc		
MPPT Voltage range	160-960Vdc		
Max. input current	11/11A		
PV Isc	14/14A		
Max power (VA)	8800	11000	13200
Max output current	3×12.8 A	3×15.9 A	3×19.1 A
Output voltage	3W/N/PE 230Vac/400Vac		
Nominal Frequency	50 Hz		
Power Factor	0.8 Leading to 0.8 Lagging		
Ambient Temperature	-25℃ - +60℃		
Protection Degree	IP65		
Protection Class	Class I		
Software Version	V 1.00		

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