intertek
Total Quality. Assured.

Certificate of Conformity

Certificate Number: CN-PV-190069

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:	DIN V VDE V 0126-1-1:2013.08 (VFR 2013 and VFR 2014) Automatic disconnecting device
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-003

Additional information in Appendix.

Signature

Certification Manager: Grady Ye
Date: 26 November 2019

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190069

Ratings and principal characteristics:

For model: Hiverter Si-4.4K
DC input:
Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A
AC output:
Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3*6.4A; Nominal Output Power: 4000W; Max. Apparent Power: 4.4kVA; Power Factor: 0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

For model: Hiverter Si-5.5K
DC input:
Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A
AC output:
Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3*8.0A; Nominal Output Power: 5000W; Max. Apparent Power: 5.5kVA; Power Factor: 0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

For model: Hiverter Si-6.6K
DC input:
Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A
AC output:
Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3*9.6A; Nominal Output Power: 6000W; Max. Apparent Power: 6.6kVA; Power Factor: 0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190069

Ratings and principal characteristics:

For model: Hiverter Si-8.8K
DC input:
Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A
AC output:
Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3*12.8A; Nominal Output Power: 8000W; Max. Apparent Power: 8.8kVA; Power Factor: 0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

For model: Hiverter Si-11K
DC input:
Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A
AC output:
Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3*15.9A; Nominal Output Power: 10000W; Max. Apparent Power: 11.0kVA; Power Factor: 0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

For model: Hiverter Si-12K
DC input:
Max. PV Voltage: 1000Vdc; DC MPPT Voltage Range: 160-960Vdc; Max input current: 2X11A; Max. PV Isc: 2X14A
AC output:
Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Max. Output Current: 3*19.1A; Nominal Output Power: 12000W; Max. Apparent Power: 13.2kVA; Power Factor: 0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

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