

VERIFICATION OF COMPLIANCE

No.: LVD GZES1901010043PV

Applicant: Hitachi Hi-Rel Power Electronics Pvt. Ltd.
SM 3 & 4, Sanand – II GIDC, Industrial Estate, Boll Village, Sanand –
382 110, Gujarat, India.

Manufacturer: Hitachi Hi-Rel Power Electronics Pvt. Ltd.
SM 3 & 4, Sanand – II GIDC, Industrial Estate, Boll Village, Sanand –
382 110, Gujarat, India.

Product Description: PV inverter

Model No.: Hiverter Si-50K, Hiverter Si-60K, Hiverter Si-70K

Trade Mark: 

Rating: Refer to page 2

Protection against Electric Shock: Class I

Degree of Protection: IP65

Additional Information: N/A

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN 62109-1: 2010,
EN 62109-2: 2011

as shown in the

Test Report Number(s): GZES190101004301, GZES190101004302

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



David Guo
Senior Technical Manager
SGS-CSTC



2019-01-14

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Other information added:

Rating:

Model Number	Hiverter Si-50K	Hiverter Si-60K	Hiverter Si-70K
Full load MPP DC voltage range	530-800Vd.c.		660-800Vd.c.
Max. input voltage	250-1000Vd.c.		
Max. input current	40Ad.c./30Ad.c./ 30Ad.c.	40Ad.c./40Ad.c./ 40Ad.c.	
Rated grid voltage	3P/N/PE 230/400Vac		3P/PE 480Vac
Rated grid frequency	50Hz		
Rated output power	50KW	60KW	70KW
Rated output current	80Aa.c Max.	90Aa.c Max.	
Power factor	0.8 leading to 0.8 lagging		

David Guo
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 SGS-CSTC



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