



CONFORMITY TESTING LABS PVT. LTD.

SUMMARY OF TEST REPORT NO. **2BI202448002** DATED: **02/01/2025**

(Number of pages in test report: page no. 1 to 27)

TEST FORMAT AS PER IS 16169: 2014/IEC 62116: 2008

1. Name of Manufacturer: **STATCON ENERGIAA PRIVATE LIMITED**
KHASRA NO 509, BLOCK A, PO PILKHUWA, VILLAGE
CHHIJARSI, KULICH NAGAR, DISTT HAPUR, 245304,
UTTAR PRADESH
2. Product: **HYBRID SOLAR INVERTER**
(Utility-interconnected Photovoltaic Inverters)
3. Model(s): **Lead Model:** BXR-HBD-048-05K-1P-06M1-11-C01
Series Models: BXR-HBD-048-04K-1P-4.8M1-11-C01,
BXR-HBD-048-3.5K-1P-4.2M1-11-C01, BXR-HBD-048-03K-1P-3.6M1-11-C01,
BXR-HBD-048-2.5K-1P-03M1-11-C01, BXR-HBD-048-02K-1P-2.4M1-11-C01,
BXR-HBD-048-01K-1P-1.2M1-11-C01
4. Model differences provided (if applicable): Yes /~~No~~
5. Model differences verified as per MeitY Guidelines for series formulation: Yes
6. Test Results: Refer below

SL. NO.	TEST REQUIREMENT	CLAUSE	VERDICT
1.	Test for Single or multi-phase inverter	6.0	P
2.	Islanding as its applies to PV Systems (Informative)	Annex A	P
3.	Test for independent islanding detection device	Annex B	N/A

General Information:

1. The conformity certificates of critical components are verified to ensure complete testing of apparatus under test and details regarding harmonized IEC standards (where IEC standards are not available) are also provided in the list of critical component.

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CONCLUSION:




- 1) Sample meets all relevant requirements of IS 16169: 2014/IEC 62116:2008
- 2) ~~Sample fails to meet the following test requirements:~~

I, hereby, undertake that the verdict stated in the test reports for all the tests matches with the test results. The sample meets all relevant requirements of IS 16169: 2014/IEC 62116:2008 (~~does not meet the requirements stated above at 2~~) of conclusion. If any deviation is found, suitable punitive action may be

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signed by
SINGH HANI SINGH

.....
(Signature of Authorized person with Stamp)

This report is digitally signed and does not require signature on subsequent pages.

	CONFORMITY TESTING LABS PVT. LTD.		  TC-5409
	Report No: 2BI202448002	IS 16169:2014/IEC 62116:2008	
Dated: 02/01/2025			
ULR No. TC540925000000002F			

TEST REPORT IS 16169: 2014/IEC 62116:2008 Test Procedure of Islanding Prevention Measures for Utility- Interconnected-Photovoltaic Inverters	
Report Reference No.....:	2BI202448002
Date of issue.....:	02/01/2025
Total number of pages.....:	27
Testing Laboratory.....:	Conformity Testing Labs Pvt. Ltd.
Address.....:	Unit 2, A-33, Mayapuri Industrial Area, Phase-I, New Delhi-110064, India
Applicant's name.....:	STATCON ENERGIAA PRIVATE LIMITED
Address.....:	KHASRA NO 509, BLOCK A, PO PILKHUWA, VILLAGE CHHIJARSI, KULICH NAGAR, DISTT HAPUR, 245304, UTTAR PRADESH
Test specification..... :	See below
Standard.....:	IS 16169: 2014/ IEC 62116:2008
Test procedure.....:	As per above standard
Non-standard test method.....:	N/A
Test Report Form No.:	IS 16169/ IEC 62116:2008_V1.0
Test Report Form Originator.....:	BIS
Master TRF.....:	Dated: 05.04.2018
Test item description..... :	HYBRID SOLAR INVERTER (Utility-interconnected Photovoltaic Inverters)
Trade Mark.....:	