




TEST REPORT IEC 61701: 2011 Salt mist corrosion testing of photovoltaic (PV) modules	
ULR-TC510022000000853F Discipline: Electronics Testing Group: Miscellaneous Products	
Report Number.....:	HPLI/Test/2205009801
Date of Issue	04/10/2022
Total no. of pages.....:	21
Manufacturer's Name.....:	Raajratna Ventures Ltd .
Address.....:	Survey No.69/2,Ahmedabad-Mehsana Highway, Opp. Madhu Mill, Village Chandarda, Tal:Kadi, Dist: Mehsana, Gujarat, INDIA- 382715 Contact Person: Pritesh Patel Contact No: 7567993166
Name of test laboratory.....:	HI PHYSIX LABORATORY INDIA PVT. LTD.
Address of laboratory.....:	B-32/1/2, MIDC, RANJANGAON, PUNE, MAHARASHTRA - 412220
<u>Test Specification</u> Standard.....:	IEC 61701: 2011 (Severity 6)
Test Procedure	Compliance Report
Non- Standard Test Method.....:	N/A
Test Report Form No.....:	IEC 61701: 2011/HPLI_PV
Test Report Form(s) Originator.....:	Hi Physix Laboratory India Pvt. Ltd., Pune
Test Report Form	Dated 11-2018
Test item Description	Crystalline silicon terrestrial photovoltaic (PV) modules.
Trade Mark.....:	
Model / Type reference	R550M (Representative Model). 144 Cells: R545M, R540M, R535M, R530M, R525M, R520M, R515M, R510M.(Series models) 132 Cells: R505M132, R500M132, R495M132, R490M132, R485M132, R480M132, R475M132, R470M132, R465M132. (Series models) 120 Cells: R460M120, R455M120, R450M120, R445M120, R440M120, R435M120, R430M120, R425M120, R420M120. (Series models)

FOR HI PHYSIX LABORATORY INDIA PVT. LTD.


Ashutosh Pathak
(Chief Technical Manager)




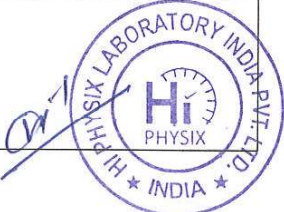


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	<p>108 Cells: R415M108, R410M108, R405M108, R400M108, R395M108, R390M108, R385M108, R380M108, R375M108.(Series models)</p> <p>96 Cells: R365M96, R360M96, R355M96, R350M96, R345M96, R340M96, R335M96, R330M96. (Series models)</p> <p>72 Cells: R275M72, R270M72, R265M72, R260M72, R255M72, R250M72, R245M72. (Series models)</p> <p>144 Cells: R445M, R440M, R435M, R430M, R425M, R420M. (Series models) (9 Bus -bar)</p> <p>See copy of marking plate on page no 4</p>
Remark:	Test performed on only Model No. R550M (Representative Model) , all series models are included in this test report declared by manufacturer.

Testing procedure and testing location:		
<input checked="" type="checkbox"/> Testing Laboratory:		
Testing location/ address	Hi Physix Laboratory India Private Limited B-32/1/2 M.I.D.C, Ranjangaon Pune Maharashtra -412220	
Tested by (name + signature)..... :	Padmakar Harale (Testing Engineer)	
Approved by (name + signature) :	Ashutosh Pathak (Chief Technical Manager)	 FOR HI PHYSIX LABORATORY INDIA PVT. LTD. Ashutosh Pathak (Chief Technical Manager)
Issued by (name, function, Signature).....:	K. K. Jayaswal/ (Chief Quality Manager)	 



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Summary of testing:	
Tests performed (name of test and test clause): IEC 61701: 2011	Testing location:
Severity 6	Hi Physix Laboratory India Private Limited.
Preconditioning	B-32/1/2 M.I.D.C, Ranjangaon Pune Maharashtra - 412220.
MST 01 Visual Inspection (Initial and Final)	
10.2 Maximum power determination (Initial and Final)	
MST 16 Dielectric withstand test (Initial and Final)	
10.15 Wet leakage current test (Initial and Final)	
MST 13 Ground continuity test (Initial and Final)	
Salt mist test according to IEC 60068-2-52, Severity 6	
Bypass diode functionality test	

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