



HI PHYSIX
testing & calibration laboratory

HI PHYSIX LABORATORY INDIA PVT. LTD.

B-32/1/2, MIDC, Ranjangaon, Pune, Maharashtra

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CIN - U74120DL2009PTC194754

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TEST REPORT IEC 61853-1: 2011 Irradiance and temperature performance measurements and power rating of photovoltaic (PV) modules	
ULR-TC510023000000038F Discipline: Electronics Testing Group: Miscellaneous Products	
Report Number.....: Date of Issue Total no. of pages.....:	HPLI/Test/2212059001 17/01/2023 23
Manufacturer's Name.....: Address.....:	Raajratna Ventures Ltd . Survey No.69/2,Ahmedabad-Mehsana Highway, Opp. Madhu Mill, Village Chandarda, Tal:Kadi, Dist: Mehsana, Gujarat, INDIA- 382715 Contact Person: Mr. Pritesh Patel Contact No: 8238079581
Name of test laboratory.....: Address of laboratory.....:	HI PHYSIX LABORATORY INDIA PVT. LTD. B-32/1/2, MIDC, RANJANGAON, PUNE, MAHARASHTRA - 412220
Test Specification Standard.....: Test Procedure Non- Standard Test Method.....:	IEC 61853-1: 2011 Compliance Report N/A
Test Report Form No.....: Test Report Form(s) Originator.....: Test Report Form	IEC 61853-1: 2011/HPLI_PV Hi Physix Laboratory India Pvt. Ltd., Pune Dated 11-2018
Test item Description Trade Mark.....:	Crystalline silicon terrestrial photovoltaic (PV) modules. 
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

www.hiphysix.com

Registered office : B-9/51, Sector 18, Rohini, Delhi- 110089



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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: R450M, R445M, R440M, R435M, R430M, R425M, R420M. (Series models) (9 Bus -bar)</p> <p>See copy of marking plate on page no 4</p>
Remark:	<p>Test performed on only Model No. R550M (Representative Model), Test result given in this test report only for model no. R550M. All series models are included in this test report declared by manufacturer.</p>

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)	 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 61853-1: 2011	Testing location: Hi Physix Laboratory India Private Limited. B-32/1/2 M.I.D.C, Ranjangaon Pune Maharashtra - 412220.
Preconditioning	
Marking	
Visual Inspection	
Maximum power determination	
STC Measurement	
Irradiance and temperature performance measurements	

FOR HI PHYSIX LABORATORY INDIA PVT. LTD.

Ashutosh Pathak
(Chief Technical Manager)