



Select the applicable test

locations:

☐ **LOCATION 1:**

UL India Private Limited,
Laboratory building, Kalyani Platina
Campus, Sy.no.129/4, EPIP Zone,
Phase II, Whitefield,
Bangalore – 560 066
P:91-80-41384400

☐ **LOCATION 2:**

UL India Private Limited,
Oak building, Kalyani Platina
Campus, Sy.No.129/4,
EPIP Zone, Phase II, Whitefield,
Bangalore, Karnataka – 560 066

☐ **LOCATION 3:**

UL India Private Limited, 30/A, I
Stage, Vishveshwarya Industrial
Estate, Doddanekkundi Industrial
Area, Bangalore - 560048

☒ **Other:**

**(#Refer Page no. 3 for Test
lab location)**

Test Report

Novasys Greenergy Private Limited

REPORT NUMBER: 4791107322-OTHER-S1

PROJECT NUMBER: 4791107322



TEST DISCIPLINE: ELECTRONICS
PRODUCT GROUP: SOLAR PANEL

General details

Customer / Applicant	Novasys Greenery Private Limited. Khasra No. 185, Mouza: Nagpur, Maharashtra- 441202, India.		
Manufacturer	Novasys Greenery Private Limited. Khasra No. 185, Mouza: Nagpur, Maharashtra- 441202, India.		
Program	Other		
Item Under Test	Mono-Crystalline Photovoltaic module (Glass-white backsheet)		
Model	NOVA550MP144 (tested model)		
Number of Samples	13 Nos.		
UL Sample Identification	Refer sample identification table	Refer Summary of Test results for multiple samples	
Manufacturer Serial Number (if any)	Refer sample identification table		
Condition of IUT on receipt	Good		
Date of Receipt	25 January 2024		
Applicable Standard	IEC 62759-1, Photovoltaic (PV) modules - Transportation testing - Part 1: Transportation and shipping of module package units, Issue Date 08/19/2022.		
Date of Testing (Start date)	1 February 2024	End Date	24 April 2024
UL general ambient condition	Temperature in °C		(23 ±5)°C
	Relative humidity in %		<70 %
Date of Issue	30 April 2024		
Test In-charge	Fuqiang Jiao (China Telecommunication Technology Labs)		

Supratik Ghosh Project Engineer	Srimathy N Sr. Project Engineer
Reviewed by	Authorized signatory
<p style="text-align: center;">Disclaimer</p> <p>The issuance of this report in no way implies Listing, Classification or Recognition by UL and does not authorize the use of UL Listing, Classification or Recognition Marks or any other reference to UL on the product or system. UL authorizes the above-named company to reproduce this Report provided it is reproduced in its entirety. UL's name or marks cannot be used in any packaging, advertising, promotion or marketing relating to the data in this Report, without UL's prior written permission. The results of testing in this report apply only to the sample product/item, which was tested. UL Lab has not participated in the sample. Other similar sample will not necessarily produce the same results due to production tolerance and measurement uncertainties. The laboratory is not responsible when the information is supplied by the customer and can affect the validity of results. The applicable standard ambient condition supersedes the lab general ambient conditions and are recorded in datasheets available in the lab. Decision rule for statement(s) of conformity is based on IEC Guide 115:2023, Clause 4.3.3 Simple Acceptance. Measurement uncertainty is not applied when providing statements of conformity in accordance with IEC Guide 115: 2023, Clause 4.3.3.</p>	



General Remarks (If any)

#Test lab location (Other than UL India Private Limited)

Test Laboratory/Location	
<input checked="" type="checkbox"/> UL or Affiliate	<input checked="" type="checkbox"/> Subcontract Lab
Company Name	China Telecommunication Technology Labs
Location	CuiHu Cloud Center, No. 1 Gaolizhang Road, Wenquan Town, Haidian District, Beijing

Test witnessed by: Jason You (Senior Project Engineer, UL China).

Below listed models covered in this test report, on basis of having same construction, design and BOM as declared by manufacturer. No testing was considered necessary to cover below listed models. Only changes are the electrical ratings, number of cells and overall dimension from the tested model.

Models covered	<p><u>Mono Crystalline (PERC):</u></p> <p><u>156 Half-cut Cell:</u> NOVAxxxMP156 (xxx stands for power, xxx= 600, 595, 590, 585, 580, 575, 570, 565, 560, 555, 550)</p> <p><u>144 Half-cut Cell:</u> NOVAxxxMP144 (xxx stands for power, xxx= 550, 545, 540, 535, 530, 525, 520, 515, 510, 505, 500, 495)</p> <p><u>132 Half-cut Cell:</u> NOVAxxxMP132 (xxx stands for power, xxx= 505, 500, 495, 490, 485, 480, 475, 470, 465, 460, 455)</p> <p><u>120 Half-cut Cell:</u> NOVAxxxMP120 (xxx stands for power, xxx= 460, 455, 450, 445, 440, 435, 430, 425, 420, 415)</p> <p><u>108 Half-cut Cell:</u> NOVAxxxMP108 (xxx stands for power, xxx= 415, 410, 405, 400, 395, 390, 385, 380, 375)</p> <p><u>96 Half-cut Cell:</u> NOVAxxxMP96 (xxx stands for power, xxx= 365, 360, 355, 350, 345, 340, 335, 330, 325)</p> <p><u>72 Half-cut Cell:</u> NOVAxxxMP72 (xxx stands for power, xxx= 275, 270, 265, 260, 255, 250, 245)</p>
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Description of Item under Test (IUT)

Mono-Crystalline Photovoltaic module (Glass-white backsheet) of 550Wp was tested for Transportation test. Total 13 samples were tested, 1 sample was used as control sample.