

#### Test Certificate No. 7313217295

#### 1. Details of order:

The test was order by: TÜV Rheinland (Shanghai) Co., Ltd

Address: TÜV Building I, No.177, Lane 777, West Guangzhong Road Jingan District, Shanghai,

China

Date of order: 30.07.2023

The sample was taken by a representative of the customer

## 2. Test of:

Photovoltaic module

Model : EG-XXXM54-HLV

Manufacturer : Changzhou EGing Photovoltaic Technology Co., Ltd.

Country of manufacture: CHINA

: Mono-crystalline Module type

Num. of cells in module: 108

Overall dimensions : 1724/1722 mm X 1134 mm X 30/35/40 mm

#### 3. Description of sample:

Date of Sampling : 01.07.2023 Sampling By : Customer

Number of Sampling : <u>1</u>

## 4. Nature of Test:

Compliance of the model with the requirements of the International Standards:

**IEC 61730** - Photovoltaic (PV) module safety qualification

Part 1: clauses 3,4,5,6,7,8,9,10,11,12

Part 2: clauses 3,6,9,10,11

SI 61215 - Crystalline silicon terrestrial photovoltaic (PV) modules :

clause 10.17 (Hail test) Design qualification and type approval.

#### 5. Conclusion:

The module complies with the requirements of the clauses to which they were tested.

Notes: This example is representative for sample modules: EG-XXXM54-HLV

(XXX=395-415), IEC1500V.

Test report Lab.: TÜV Rheinland, Test Report No.: 50116992 001-034

This document alone is not used to release goods from customs.

This report refers only to the sample tested and does not refer to other samples of the same product.

This document contains 6 pages, and may be used only in full.

Matthew Skif

Laboratory Technician

חתיו שליף, הנדסאי בודק ענף מערכות אברניה המעברה שנכיסה המדאמיםה מכון תתקנים הישראלניםה 01/09/2023

**Test Completion Date: 01.09.2023** פורמט 32.7.707 מהדורה א', 6.3.18

Tel-Aviv 69977 Israel www.sii.org.il 42 Chaim Levanon St. Tel: 972-3-6465250 Fax: 972-3-6427654 Hydraulics Tel: 972-2-6465150/176 Fax: 972-3-6465007



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## 6. Tests Results:

## Standard IEC 617301 Part 1

No.	Subject	Results and details of nonconformance	Verdict
3	Application classes		P
4	Construction requirements		P
5	Polymeric material		P
6	Internal wiring and current – carrying parts		Р
7	Connections		P
8	Bonding and grounding	ling and grounding	
9	Creepage and clearance distances		P
10	Field wiring compartments with covers		P
11	Marking		P
12	Requirements for supplied documents		P



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## Standard IEC 617301 Part 2

No.	Subject and details of nonconformance		Results	Verdict
6	Sampling			P
9	Pass criteria			P
10				P
	Test procedures	+ Tested in practice	MST 01	P
			MST 11	Р
			MST 12	Р
		Double insulation	MST 13	Р
			MST 14	Р
			MST 15	Р
		Tested in practice >100 MΩ, 8 kV DC	MST 16	Р
			MST 17	Р
			MST 21	Р
			MST 23	Р
			MST 26	Р
			MST 32	Р
11		,		P
	Component tests		MST 15	P
			MST 33	P
			MST 44	P

#### **Standard IEC 61215**

4.1	Hail test	This paragraph is tested in accordance with the	P
		method defined in UL Standard 1703.	





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# Test Certificate No. 7313217295 Appendix 1 Photo Documentation

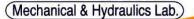




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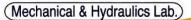




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