

SolarEdge Nexis Battery Block UN 38.3 Test Report Summary

Lithium batteries test summary in accordance with Sub-Section 38.3 of UN Manual of tests and criteria

Assembled Battery Name: SolarEdge Nexis Battery Block

Battery/Module Name: NX-BLCK-5K

Weight: 54Kg

Watt-hour Rating: 4.9KWh

Physical Description: 7.63* 26.29*14.72/194*668*374[in /mm]

Manufacturer: SolarEdge Technologies Ltd.

Address: 1 HaMada St., POB 12001, Postal code 4673335, Herzliya, Israel

Phone number: +972.9.957.6620

email: Support@solaredge.com

Website: www.solaredge.com

Test Laboratory for T1: QualiTech Hermon Laboratories Ltd.

Address: 30 Hasivim street P.O. Box 7500, Petah-Tikva 4959388 Israel

Tel: 972-3-9268804

Test Laboratory for T2-5: SolarEdge Technologies Ltd.

Address: 1 HaMada St., POB 12001, Postal code 4673335, Herzliya, Israel

Tel: +972.9.957.6620

List of tests and conducted and conclusion (Pass/Fail)

No.	Test clause	Test item	Conclusion	Remark
T1	38.3.4.1	Altitude simulation	Pass	
T2	38.3.4.2	Thermal test	Pass	
T3	38.3.4.3	Vibration	Pass	
T4	38.3.4.4	Shock	Pass	
T5	38.3.4.5	External short circuit	Pass	
T6	38.3.4.6	Impact/crush	Pass	Cells only
T7	38.3.4.7	Overcharge	N/A	
T8	38.3.4.8	Forced discharge	Pass	Cells only

Testing Standard: Section 38.3 of the Seventh Revised Edition of the Recommendations of Dangerous Goods, Manual of Test and Criteria (ST/SG/AC.10/11/Rev.8 UN38.3)

Reference to Large batteries Testing Requirements:

☒ UN38.3.3

Stamp & Signature:

Name: Aviad Yeshaya

Title: Senior Director of Compliance

Date: 29.06.2025

Signature:



Revision History/Approvals:

Change	Rev	Description	Prepared by	Approved by
DCO-XXX	01	Document Creation	Avichai Pearl	Aviad Yeshaya

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