

## BAT-10K1P 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: BAT-10K1P

Battery/Module Name: BAT-10K1PS0B-xx

Assembled Battery Description: Rechargeable Li-ion 30S1P Battery Pack

Weight: 120Kg

Watt-hour Rating: 9.7KWh

Rated Capacity: 94Ah

Physical Description: 31.18 x 46.26 x 9.84 / 792 x 1175 x 250 [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:

- Epsilor Electric-Fuel Ltd. Address: Rotem Industrial Park, M.P. Arava, 86800, Israel Tel: 972-8-655-6280
- Qualitech. Address: 30 Hasivim St. Petach Tikve, Israel 4959388 Tel: 972-3-9266170

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	Battery & assembled battery
T6	38.3.4.6	Impact/crush	Pass	Cells only
T7	38.3.4.7	Overcharge	Pass	Assembled battery only
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.7 Part III Paragraph 38.3)

Reference to Assembled Battery Testing Requirements:

UN38.3.3(f)

UN38.3.3(g)

Stamp & Signature:

Name: Aviad Yeshaya

Title: Director of Compliance

Date: 25/01/2023

Signature: 

Revision History/Approvals:

Change	Rev	Description	Prepared by	Approved by
DCO-03347	01	Document Creation	Meital Iarnitzky	Aviad Yeshaya
05/05/2021	02	Update battery Module name	Meital Iarnitzky	Aviad Yeshaya
25/01/2023	03	Reduce Battery rating Add Qualitech to Test Laboratory Add rated capacity	Meital Iarnitzky	Aviad Yeshaya

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