UN 38.3 BATTERY TEST SUMMARY

Document ID	Revision	Issue date
114824926	A	2026-10-30

A. Product classification

Item covered	Battery
Husqvarna battery platform	PACE
Tested type / part no.	**100-B380X / 100-B750X**
Chemistry	Lithium-ion / NMC

B. Parties and contacts

Manufacturer / applicant	Husqvarna AB Drottninggatan 2 561 82 Huskvarna, Sweden Telephone: +46 (0)31 94 90 00 E-mail: contact@husqvarnagroup.com Website: www.husqvarnagroup.com

Test laboratory	DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem, Netherlands Telephone: +31 88 96 83000 Website: www.dekra.nl

C. Test report and battery identification

Unique test report identification number	2278164.60 (Attestation of Conformity no. 2278164.01-AOC)
Date of test report	2024-03-22
Cell or battery type / chemistry	Rechargeable Li-ion battery pack
Mass	B380X: 2,9 kg / B750X: 5,0 kg
Watt-hour rating or lithium content	B380X: 374,4 Wh / B750X: 748,8 Wh
Physical description	B380X: 26S1P / B750X: 26S2P; rechargeable Li-ion battery pack
Model / part number(s)	B380X PACE / B750X PACE
Nominal voltage / capacity (recommended)	B380X: 93,6 Vdc; 4,0 Ah / B750X: 93,6 Vdc; 8,0 Ah

D. Model and part-number coverage

Commercial model	Husqvarna part number	Battery configuration	Covered by report
B380X PACE	970 49 40-01	26S1P	Yes (2278164.60)
B380X PACE	970 49 41-01	26S1P	Yes (2278164.60)
B380X PACE	970 49 41-02	26S1P	Yes (2278164.60)
B750X PACE	970 49 42-01	26S2P	Yes (2278164.60)
B750X PACE	970 49 42-02	26S2P	Yes (2278164.60)
B750X PACE	970 49 43-01	26S2P	Yes (2278164.60)

E. Tests conducted and results

Test	Description	Result	Test record reference
T.1	Altitude simulation	Pass	DEKRA report 2278164.60
T.2	Thermal test	Pass	DEKRA report 2278164.60
T.3	Vibration	Pass	DEKRA report 2278164.60
T.4	Shock	Pass	DEKRA report 2278164.60
T.5	External short circuit	Pass	DEKRA report 2278164.60
T.6	Impact / Crush	N/A (not applicable)	DEKRA report 2278164.60
T.7	Overcharge	Pass	DEKRA report 2278164.60
T.8	Forced discharge	N/A (not applicable)	DEKRA report 2278164.60

F. Reference and standard

Reference to assembled	Not applicable (N/A)
Edition of UN Manual used	UN 38.3 Manual of Tests and Criteria: 2019 (7th ed.)

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