

Lithium cell or battery test summary in accordance with sub-section 38.3 of UN Manual of Tests and Criteria



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Dyson's lithium ion batteries have been successfully tested and comply with the UN Model Regulations, Manual of Test and Criteria, Part III, subsection 38.3.

Performed Tests			Results
38.3.4.1	T1	Altitude Simulation	Pass
38.3.4.2	T2	Thermal Test	Pass
38.3.4.3	T3	Vibration	Pass
38.3.4.4	T4	Shock	Pass
38.3.4.5	T5	External Short Circuit	Pass
38.3.4.6	T6	Impact / Crush	n/a
38.3.4.7	T7	Overcharge	Pass
38.3.4.8	T8	Forced Discharge	n/a

The UN38.3 tests were performed by one of the following test houses and were tested to UN Manual of Tests and Criteria Revision 7/Amendment 1 or its subsequent revisions or amendments.

SGS (Malaysia) Sdn. Bhd.
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Model Number	Description	Mass (kg)	Rating (Wh)	Assembled battery testing requirements	Report number	Report date
61034	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.420	46	n/a	TP13040059-ETS(R8)	19/06/2017
Battery pack 6-Cell (IHR-18650C)	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.426	46	n/a	TW14070346(R3)	29/07/2016
214141	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.419	46	n/a	150400392TWN-001 (R4)	19/06/2017
215681	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.532	65	n/a	CRSSFTY/00032(AD3)/18	13/08/2020
238168	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.496	52	n/a	CRSSFTY/00036(AD1)/18	30/12/2019
229687	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.417	44	n/a	CRSSFTY/00028/18	02/04/2019
225403	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.416	46	n/a	CRSSFTY/00024 (AD)/18	18/07/2019
286121	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.423	42	n/a	190200001TWN-001	22/04/2019
206340	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.506	66	n/a	CPSFTY/00014/23	28/06/2023
242151	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.502	58	n/a	CRSSFTY/00044(AD1)/18	29/06/2020
258550	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.511	60	n/a	CRSSFTY/00048/18	26/12/2018
324261	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.554	66	n/a	CRSSFTY/0007(AD2)/18	09/10/2020
273561	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.549	58	n/a	CRSSFTY/00015(AD)/18	04/03/2019
299820	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.728	91	n/a	CRSSFTY/00011(AD2)/18	09/10/2020
273557	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.683	96	n/a	CRSSFTY/00019(AD)/18	04/03/2019
355983 355983-50	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.758	91	n/a	211200060TPE-001R4	17/04/2024
340853	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.593	66	n/a	210500108TPE-001R2	11/05/2023
49686-01 49686-04	Irregular shaped plastic encased 14.8V Li-ion battery pack	0.654	78.44	n/a	TP14030250-ETS (R5)	21/07/2016
265354	Irregular shaped plastic encased 14.4V Li-ion battery pack	0.686	87	n/a	CRSSFTY/00003/18	12/02/2018

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Model Number	Description	Mass (kg)	Rating (Wh)	Assembled battery testing requirements	Report number	Report date
219630	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.995	94	n/a	CPSFTY/0005/23	27/12/2023
316840 432490	Irregular shaped plastic encased 14.4V Li-ion battery pack	0.300	32	n/a	CRSSFTY/00081(AD4)/19	11/02/2022
453408 453407 389448	Irregular shaped plastic encased 14.4V Li-ion battery pack	0.308	36	n/a	CPSFTY/00017/23	20/07/2023
398857-01 398857-02	Irregular shaped plastic encased 18.0V Li-ion battery pack	0.386	45	n/a	CRSSFTY/00072(AD1)/19	01/06/2021
414127-01 414127-02	Irregular shaped plastic encased 14.4V Li-ion battery pack	0.349	36	n/a	CRSSFTY/00082(AD2)/19	01/06/2021
490702	Irregular shaped plastic encased 14.4V Li-ion battery pack	0.297	36	n/a	CPSFTY/00047/22	06/12/2022
484607	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.536	63	n/a	CRSSFTY/00004(AD3)/20	19/10/2022
507147 507147-07	Irregular shaped plastic encased 36.0V Li-ion battery pack	0.745	90	n/a	CPSFTY/00018(AD1)/22	14/09/2022
405814	Irregular shaped plastic encased 22.02V Li-ion battery pack	0.503	53.2	n/a	CPSFTY/00041(AD1)/21	02/06/2022
421325	Irregular shaped plastic encased 21.6V Li-ion battery pack	0.424	53	n/a	CPSFTY/00006/22	23/02/2022
418680 418680-50	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.715	91	n/a	CPSFTY/00007 (AD2)/23	03/04/2024
443383	Irregular shaped plastic encased 25.2V Li-ion battery pack	0.527	60.48	n/a	CPSFTY/00024/22	03/04/2024
584511	Irregular shaped plastic encased 14.4V Li-ion battery pack	0.588	57.6	n/a	CPSFTY/00049(AD1)/22	23/02/2023
452646	Irregular shaped plastic encased 14.68V Li-ion battery pack	0.526	34.5	n/a	CPSFTY/00050 (AD3)/22	03/05/2024
455714	Irregular shaped plastic encased 22.02V Li-ion battery pack	0.432	53.51	n/a	CPSFTY/00043/22	10/01/2023
463606	Irregular shaped plastic encased 22.02V Li-ion battery pack	0.428	52.69	n/a	CPSFTY/00001/23	16/02/2023
601638	Irregular shaped plastic encased 14.68V Li-ion battery pack	0.423	35.7	n/a	CPSFTY/00026 (AD2)/23	01/02/2024
720866	Irregular shaped plastic encased 25.9V Li-ion battery pack	0,758	99,72	n/a	CPSFTY/00010/24	13/08/2024

Signed for and on behalf of Dyson Technology Ltd.

Signature:

Name: Duncan Pudney
Position: Principal Regulatory Specialist

Date: 16/08/2024
Place: Malmesbury, United Kingdom