


**LITHIUM BATTERIES TEST SUMMARY FOR GHIBLI & WIRBEL S.p.A.
IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA**

Battery Manufacturer:	<i>Confidential and Proprietary - Ghibli & Wirbel S.p.A.</i>
Product Manufacturer:	Ghibli & Wirbel S.p.A. Via Circonvallazione, 5 - 27020 Dorno (Pavia) - Italy Tel +39 0382 848811 - Fax +39 0382 84668 http://www.ghibliwirbel.com - e-mail: info@ghibliwirbel.com
UN38.3 Test Lab:	G.S.D. S.r.l. Via Marmiceto n. 8 – 56121 Ospedaletto (Pisa) - Italy Tel +39 050 98.42.54 - Fax +39 050 98.42.62 http://www.gsd.it - e-mail: info@gsd.it
Test Report Number: 20093	Date of Test Report: 2020/05/28
Description of Cell or Battery:	25,5 Vdc - 560 Wh - 22,0 Ah Li-ion battery, Model SDI INR 18650-29E 7S8P Ghibli & Wirbel code: 22.0571.01 Rectangular Plastic Case - Weight 3,6 Kg
Test Report Number: 20094	Date of Test Report: 2020/05/28
Description of Cell or Battery:	25,5 Vdc - 140 Wh - 5,5 Ah Li-ion battery, Model SDI INR 18650-29E 7S2P T1L Ghibli & Wirbel code: 6100599 Semicircular Plastic Case - Weight 1,5 Kg
Test Report Number: 20095	Date of Test Report: 2020/05/28
Description of Cell or Battery:	25,5 Vdc - 280 Wh - 11,0 Ah Li-ion battery, Model SDI INR 18650-29E 7S4P T1 Ghibli & Wirbel code: 6100597 Semicircular Plastic Case - Weight 2,3 Kg
Test Report Number: 20096	Date of Test Report: 2020/05/28
Description of Cell or Battery:	25,5 Vdc - 700 Wh - 27,6 Ah Li-ion battery, Model SDI INR 18650-29E 7S10P GH Ghibli & Wirbel code: 18.0067.02 Rectangular Metal Case - Weight 3,6 Kg
Test Report Number: 20097	Date of Test Report: 2020/05/28
Description of Cell or Battery:	25,5 Vdc - 280 Wh - 11,0 Ah Li-ion battery, Model SDI INR 18650-29E 7S4P Ghibli & Wirbel code: 22.0571.00 Rectangular Plastic Case - Weight 2,4 Kg
Test Report Number: 21122	Date of Test Report: 2021/03/24
Description of Cell or Battery:	25,5 Vdc - 490 Wh - 19,25 Ah Li-ion battery, Model SDI INR 18650-29E 7S7P Ghibli & Wirbel code: 18.0094.00 Rectangular Plastic Case - Weight 3,0 Kg
UN38.3 Tests Performed and Successfully Passed:	T.1, T.2, T.3, T.4, T.5, and T.7. (Note: that T.6 and T.8 are not applicable to batteries)
Assembled Battery Testing Requirements:	Not Applicable
Edition of UN Manual of Tests and Criteria Used:	Sixth Revised, Amendment 1
Name and Title of Signatory:	 Via Circonvallazione 5 < 27020 DORNO (PV) - Italy C.F. e P.IVA 03976160287 Tel +39 0382 848811 Fax +39 0382 84668 Ing. Adriano Grossi - Industrial Director - Ghibli & Wirbel S.p.A. www.ghibliwirbel.com

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