



Quality Management System
Forms

Document No:

Issue No:

UN38.3 Lithium Test Summary

QMF211

4

UN38.3 Test Summary

Product Manufacturer	PMBL Limited Combe Wood Combe St Nicholas Chard Somerset TA20 3NL	Telephone:	01460 66366
		Email:	batteries@pmbL.co.uk
		Web:	www.pmbL.co.uk

Performed Tests*

Test No	Test Ref	Test Description	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	Pass
38.3.4.7	T7	Overcharge	Pass
38.3.4.8	T8	Forced Discharge	Pass

The tests were performed by the following test house(s) and were tested to the UN Manual Test and Criteria (ST/SG/AC.10/11/Rev.7/Amend.1 Part III sub-section 38.3) or subsequent revisions and/or amendments

*Any tests that have been identified on the test report as "non-applicable are referenced in product test information sheet

Test House Ref	Company Name	Address & Contact Details
A1	Shenzhen Tiansu Calibration and Testing Co.,LTD	No.2, Jinlong Avenue, Longgang District, Shenzhen, Guangdong, China tsjc@tiansu.org tel: 0755-89457984

Product Test Information (Wh = Nv x Cap)

Model Number	Chemistry	Description	Lithium content	Mass (g)	Rating (Wh)	Test Report Number	Test House	N/A test	Test Report Date	MSDS	Drop Test
25.6V5.8Ah	LiFePO	LiFePO4 Battery P	1.7	1.390Kg	148Wh	TSZ26A4010A 01-01	A1		13/01/26	y	
25.6V11.6Ah	LiFePO	LiFePO4 Battery P	3.4	2.78Kg	296Wh	TSZ26A4010A 01-01	A1		13/01/26	y	

Signature		Position	Senior Quality Manager
Print	Ray Cooke	Date	22/01/2026

Issue number	Change document	Dated	Approved By
4	Moc00101	12/09/2025	RJC
3	Moc00087	09/07/2025	RJC

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