	Total Quality Management System Procedures		Document No:	Issue No: Revision No: 1 0
	UN38.3 Lithium Test Summary			
Created on: 18 th December 2019	Date of Revision: 18 th December 2019		Designed by: Paul Stirling	Page No 1 of 1
Amendment Reference No:	Change Approved by:			

Electric Mobility UN38.3 Test Summary

The following document contains a test summary for Lithium Cells or Batteries in Accordance with sub-section 38.3 of the UN Manual of Tests and Criteria

Product Manufacturer	PMBL Limited Unit D Leach Road Chard Business Park Chard Somerset, UK TA20 1FA	Telephone:	01460 66366
		Email:	solutions@pmbi.co.uk
		Web:	www.pmbi.co.uk

PMBL Limited products that are manufactured from Lithium Cells have been successfully tested and comply with sub-section 38.3 of the UN Manual of Tests and Criteria.

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

**Any tests that have been identified on the main UN38.3 test reports as being "Not Applicable" for that report is referenced on the Product Test Information Sheet (Page 2 onwards)*

Test House Ref	Company Name	Address & Contact Details
A1	Shangdong Tian Han New Energy Technology Co Ltd	No 630 Fuyuan 5 th Road, Lithium Battery Industrial Park High-tech Zone Zaozhuang City, Shangdong Province

Product Test Information (Wh = Nv x Cap)

Model Number	Chemistry	Description	Mass (g)	Rating (Wh)	Test Report Number	Test House	Test Not Applicable	Test Report Date	MSDS	Drop Test
D110000416	LiFePO4	Battery 25.6V 6200mAh	1680	158.72	18270BC20262901	A1		27/10/2022	Y	N
D110000447	LiFePO4	Battery 25.6V 12400mAh	4623	314.44	18270BC20263001	A1		27/10/2022	Y	N

Signature		Position	Quality Control Manager
Print	Paul Stirling	Date	1 st November 2022