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

Megger UN38.3 Test Summary for Battery Builds

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@pmbl.co.uk
		Web:	www.pmbl.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

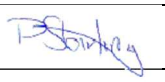
The UN38.3 tests were performed by one of the following test houses and were tested to the UN Manual Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments

**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 Section*

Test House Ref	Company Name	Address & Contact Details
A5	PONY Testing International Group	1F Building A2 Jun Feng ZhongCheng ZhiZao Innovation Park HePing Peace Community, FuHai Road, Baoan District, Shenzhen, Guangdong, China
A6	Shenzhen SEM Test Technology Co Ltd	1F Building A Hongwei Industrial Park, Liuxian 2nd Road Bao'an District, Shenzhen, PRC (518101)

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
2012-400	Lithium Ion	Battery 7.2V 4.4Ah 31.7Wh	183	31.7	MOIFF41T23110721	A5		23/06/2020	Y	Y
2003-507	Lithium Ion	Battery 10.8V, 9000mAh 97.2Wh	932	97.2	STR14089185S	A6		25/08/2014	Y	Y

Signature		Position	Quality Control Manager
Print	Paul Stirling	Date	11th November 2020