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

<b>Heartsine UN38.3 Test Summary</b>			
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@pmb.co.uk
		Web:	www.pmb.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.			
<b>Performed Tests*</b>			
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 <i>*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)</i>			
Test House Ref	Company Name	Address & Contact Details	
A2	Shenzhen SEM Test Technology Co Ltd	1/F Room 101 Building 1 Hongwei Industrial Park Liuxian'er Road, Block 70 Bao'an District, Shenzhen, Guangdong, China T: +86 0755 33663308 E: admin@semtest.com.cn	
A4	Pony Testing International Group (Shenzhen Co Ltd)	1F Building 6 Zhongxing Industry City Chuangye Road Nanshan District, Shenzhen Guangdong, China	

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
H017-013-169-1 (Adult) Pad-Pak-01, Pad-Pak-03	Li Metal	Battery 18V 1550mAh (6x Varta CR123A Cells)	105.6	27.9	STRT18049010S	A2	T7	10/04/2018	Y	Y
H017-013-239-2 (Aviation) Pad-Pak-07	Li Metal	Battery 18V 1550mAh (6x Varta CR123A Cells)	105.6	27.9	STR16079273S	A2	T7	01/08/2016	Y	Y
H023-013-025-4 (Paediatric) Pad-Pak-02, Pad-Pak-04	Li Metal	Battery 18V 1550mAh (6x Varta CR123A Cells)	105.6	27.9	STRT18049012S	A2	T7	10/04/2018	Y	Y
H036-013-012-1 (Universal Trainer)	Li Ion	Battery 3.7V 2600mAh (1x Sanyo UR18650F, Sanyo 186502Y or Samsung ICR18650-26F)	49.3	9.62	MN128Q5M86D57721	A4		07/01/2020	Y	Y

Signature		Position	Quality Control Manager
Print	Paul Stirling	Date	20 <sup>th</sup> April 2020