


UN38.3 Test Summary

Battery Manufacturer	Name: BMZ Company Limited			
Product Manufacturer:	Name: BMZ Company Limited Address: Blk B Julong Technology Blog, Southwest of the Intersection of Baolong No.1 Rd and Chengxin Rd, Baolong Street, Longgang District, Shenzhen City, Guangdong Province China Contact person: Qin En Yu Phone number: +86 755-89773981 Email address: enyu.qin@bmz-group.com Website: https://www.bmz-group.com			
Test Laboratory	Name: South China National Center of Metrology Address: No.30, Songbaidong Street, Guangyuanzhong Road, Guangzhou.P.R.China Telephone: 86+020 8659 4172 http://www.SCM.com.cn Email address: scm@scm.com.cn			
Test subject:	Product	Rechargeable Li-Ion Battery	Type	06929-01
	Trademark		Nominal voltage	3.6Vd.c.
	Rated capacity/energy	1.43Ah/ 5.148Wh	Mass	40.2g
	Description	Rechargeable Li-ion battery	Physical description	white, prismatic 1S2P 52,5*28,5*14,5 mm
Test specification:	ST/SG/AC.10/11/Rev.6-2015 Recommendations on the Transport of Dangerous Goods / Manual of Test and Criteria / Part III, Subsection 38.3 ST/SG/AC.10/11/Rev.6-2015			
UN38.3 Test report No. :	DCW201701546	Date of UN38.3 Test report:	23.01.2017	
Test result:	38.3.4.1 Test T.1: Altitude simulation	Passed	38.3.4.2 Test T.2: Thermal test	Passed
	38.3.4.3 Test T.3: Vibration	Passed	38.3.4.4 Test T.4: Shock	Passed
	38.3.4.5 Test T.5: External short circuit	Passed	38.3.4.6 Test T.6: Impact/Crush	Passed
	38.3.4.7 Test T.7: Over-charge	Passed	38.3.4.8 Test T.8: Forced discharge	Passed
	38.3.3(f):	N/A	38.3.3(g):	N/A
The tested samples meet the requirement of ST/SG/AC.10/11/Rev.6-2015 Recommendations on the Transport of Dangerous Goods / Manual of Test and Criteria / Part III, Subsection 38.				

Name and Title of Signatory:

Issue Date: 2020-06-24

Engineer: Qin En Yu




**LITHIUM CELLS OR BATTERIES TEST SUMMARY
IN ACCORDANCE WITH SUB-SECTION 38.3
OF MANUAL OF TEST AND CRITERIA**

BATTERY TRANSPORTION INFORMATION

<p>Name of cell, battery or product manufacturer, as applicable:</p> <p>Item Number : US14500VR2B Item Name : US14500VR2 Item Description : Lithium Ion Battery Cell</p>	<p>Cell, battery or product manufacturer's contact information to include address, phone number, email address and website for more information:</p> <p>Tohoku Murata Manufacturing Co., Ltd. 1-1 Shimosugishita, Takakura, Hiwada-machi, Koriyama-shi, Fukushima, 963-0531 Japan Phone : +81-24-955-7770 e-mail : tmm-qa-compliance@murata.com Website : https://www.murata.com/en-global/group/tohokumurata</p>	
<p>Name of the test laboratory to include address, phone number, email address and website for more information:</p> <p>Tohoku Murata Manufacturing Co., Ltd. 1-1 Shimosugishita, Takakura, Hiwada-machi, Koriyama-shi, Fukushima, 963-0531 Japan Phone : +81-24-955-7770 e-mail : tmm-qa-compliance@murata.com Website : https://www.murata.com/en-global/group/tohokumurata</p>	<p>A unique test report identification number:</p> <p>QA-8161</p>	<p>Date of the test report:</p> <p>21-Dec-18</p>
<p>Description of cell or battery to include at a minimum: Lithium ion or Lithium metal cell or battery; Mass; Watt-hour rating, or lithium content; Physical description of the cell/battery; and Model</p> <p>Cell/battery Type : Lithium Ion Cell or Battery : Cell Cell or Battery Weight : 18.8±0.8 g LC or W/h rating : 2.5 Wh Physical description : Lithium Ion Rechargeable Cells</p>	<p>List of tests conducted and results (i.e., pass/fail):</p> <p>Test T.1: Altitude Simulation : Pass Test T.2: Thermal Test : Pass Test T.3: Vibration : Pass Test T.4: Shock : Pass Test T.5: External short circuit : Pass Test T.6: Crush : Pass Test T.7: Overcharge : Not applicable Test T.8: Forced discharge : Pass</p> <p>Testing additional comments: The Test report from Murata (QA-8161) based on the original test report from Sony Energy Devices Corporation: Sony test report number: QA-C5112 Date of Sony test report: 06-October-2015 Revision 5 Amendment 2</p>	
<p>Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3;(f) and 38.3.3;(g):</p> <p>Not Applicable</p>	<p>Reference to the revised edition of the Manual of Test and Criteria used and to amendments thereto, if any:</p> <p>Revision 5 Amendment 2</p>	

PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN - DGP)

<p>UN Classification:</p> <p>UN3480</p>	<p>Proper Shipping Name:</p> <p>Lithium Ion Battery</p>
<p>Signature with name and title of signatory as an indication of the validity of information provided:</p> <p>Kei Hiratsuka Product Compliance Manager </p>	<p>This document remains valid as long as no changes, modification, or additions are made to the model(s) described in this document, after being transported from a Tohoku Murata Manufacturing.</p> <p>The model(s) has (have) been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification, The model(s) must be packed, labeled, and documented according to country and other international regulations for transportation.</p>
<p>Date document was generated:</p> <p>7-May-20</p>	