


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

**BATTERY TRANSPORTATION INFORMATION**

<p>Name of cell, battery or product manufacturer, as applicable:</p> <p>Item Number : LIPY041 Item Name : LIPY041WWPCSY6 Item Description : Lithium Ion Battery</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 : <a href="mailto:tmm-qa-compliance@murata.com">tmm-qa-compliance@murata.com</a> Website : <a href="https://www.murata.com/en-global/group/tohokumurata">https://www.murata.com/en-global/group/tohokumurata</a></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 : <a href="mailto:tmm-qa-compliance@murata.com">tmm-qa-compliance@murata.com</a> Website : <a href="https://www.murata.com/en-global/group/tohokumurata">https://www.murata.com/en-global/group/tohokumurata</a></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 : Battery Cell or Battery Weight : 6.5 kg LC or W/h rating : 468 Wh Physical description : Lithium ion rechargeable cells are set in a resin case</p>	<p>A unique test report identification number:</p> <p>QA-9112</p>	<p>Date of the test report:</p> <p>14-May-19</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: Impact : Pass Test T.7: Overcharge : Pass Test T.8: Forced discharge : Pass</p> <p>Testing additional comments:</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 6 Amendment 1</p>	

**PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN - DGP)**

<p>UN Classification:</p> <p><b>UN3480</b></p>	<p>Proper Shipping Name:</p> <p><b>Lithium Ion Battery</b></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>4-Mar-20</p>	