


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

BATTERY TRANSPORTION INFORMATION

Name of cell, battery or product manufacturer, as applicable: Item Number : US14500VR2B Item Name : US14500VR2 Item Description : Lithium Ion Battery Cell		Cell, battery or product manufacturer's contact information to include address, phone number, email address and website for more information: 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	
Name of the test laboratory to include address, phone number, email address and website for more information: 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		A unique test report identification number: QA-8161	Date of the test report: 21-Dec-18
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 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		List of tests conducted and results (i.e., pass/fail): 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 Testing additional comments:	
Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3;(f) and 38.3.3;(g): Not Applicable		Reference to the revised edition of the Manual of Test and Criteria used and to amendments thereto, if any: Revision 5 Amendment 2	
PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN - DGP)			
UN Classification: UN3480		Proper Shipping Name: Lithium Ion Battery	
Signature with name and title of signatory as an indication of the validity of information provided: Hiroaki Kaneko Quality Planning Section Manager 		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. 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.	
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For product quotations and sales inquiries, please contact the dedicated form on the Murata Manufacturing website.
 Contact to: <<https://www.murata.com/en-global/contactform>>