

UN 38.3 Test Summary Report

(Lithium Cell, Battery or Product Test Summary in Accordance with Section 2.9.4 UN Model Regulations and Sub-section 38.3 of the UN Manual of Test and Criteria) Part III, subsection 38.3.5)

NEC Energy Solutions, Inc.
155 Flanders Road
Westborough, MA 01581
508-497-7319

Cell, Battery or Product Model/Part Number(s):

☐ Cell ☒ Battery ☐ Product

☒ Model #: **PSL000005**

☒ Part #: 521811-1XX

Manufacturer's Contact Information

Name: NEC Energy Solutions, Inc.			
Address: 155 Flanders Road			
City: Westborough	State: MA	ZIP: 01581	Country: USA
Telephone: 508-497-7319		Website: www.neces.com	

Test Laboratory

Name: Shanghai Research Institute of Chemical Industry Testing Centre			
Address: East Yunling Road No. 345 Building A Room 717			
City: Shanghai	State:	ZIP:	Country: China
Telephone: 021-52815377-0102 E-mail: services@srcims.com, zhangchunxiu@srcims.com Website: http://www.srcims.com/en/contact.aspx			

Description

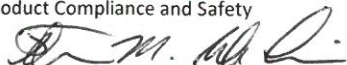
<input type="checkbox"/> Cell <input checked="" type="checkbox"/> Battery <input type="checkbox"/> Product
<input checked="" type="checkbox"/> Lithium Ion <input type="checkbox"/> Lithium Metal
<input checked="" type="checkbox"/> Watt-hour rating: 66 <input type="checkbox"/> Lithium Content:
Mass: ~950
Unique Test Report ID Number: TR001419
Physical Description (dimensions, appearance): 151 × 64.5 × 99.7 mm. ABS Plastic: black bottom case, blue cover.
Date of test report: 1/19/2016

List of Tests Conducted:	Results (Pass/Fail/N.A.)	Additional Comments (or indicate compliance with other standards, e.g. Underwriters Laboratory):
38.3.4.1 Test T.1: Altitude simulation	Pass	
38.3.4.2 Test T.2: Thermal test	Pass	
38.3.4.3 Test T.3: Vibration	Pass	
38.3.4.4 Test T.4: Shock	Pass	
38.3.4.5 Test T.5: External Short Circuit	Pass	
38.3.4.6 Test T.6: Impact/Crush	Pass	
38.3.4.7 Test T.7: Overcharge	Pass	
38.3.4.8 Test T.8: Forced discharge	Pass	
Battery Assembly: <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> UN38.3.3(f) <input type="checkbox"/> UN38.3.3(g) Mfr: NEC Energy Solutions		
Test Reference: UN Manual of Test and Criteria, Part III, subsection 38.3/Rev 5/Amend, 1 and 2.		

Thomas M. De Lucia

Director of Product Compliance and Safety

Signature



Date

8/5/19