

UN 38.3 LITHIUM BATTERY TEST SUMMARY

Manufacturer's contact information							
Name:	National Power Corporation						
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City:	Chicago	State:	IL	ZIP:	60641	Country:	USA
Telephone:	+773-685-2662	Fax:	+773-685-8316	Website	https://www.nationalpower.com/		

Test Laboratory							
Name:	Ultralife Batteries Inc						
Address:	2000 Technology Parkway						
City:	New York	State:	New York	ZIP:	14513-2175	Country:	USA
Telephone:	315-332-7100	Fax:	315-331-7800	Website	https://www.ultralifecorporation.com		

Test Report	
Test report number:	U-050905
Test report date:	5/9/2005

Battery Description					
Model/part number:	SM201 / 2SA10A79111BXHR	Configuration:	3S-2P		
Nominal voltage (V)	11.1	Capacity (mAh):	5000	Watt-Hour (Wh):	56
Battery chemistry:	Lithium – Ion	Product category	Lithium – Ion Rechargeable Battery Pack		
Battery weight (gr):	330	Appearance:	Battery Pack in plastic enclosure		

List of Tests Completed				
No.	Test Procedure	Test Results	Comments	Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3 (f) and 38.3.3 (g)).
T1	Altitude Stimulation	Pass		N/A
T2	Thermal Test	Pass		
T3	Vibration	Pass		
T4	Shock	Pass		
T5	External Short Circuit	Pass		<i>Edition of UN Manual of Tests and Criteria Used</i>
T6	Impact		For Cell Only	Revision 4
T7	Overcharge	Pass		
T8	Forced Discharge		For Cell Only	

According to the requirements of UN/DOT 38.3, lithium cells and batteries are subject to as many as eight separate tests designed to assess their ability to withstand the anticipated rigors incurred during transport.

We, National Power Corporation, certify the model listed in this document complies with T1 to T8 test as required.

National Power Corporation
Engineering Department



Mauricio Medina, Engineering Manager
National Power Corporation
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06/05/2019

Date