



**UN 38.3 LITHIUM BATTERY TEST SUMMARY**

Manufacturer's contact information							
<b>Name:</b>	National Power Corporation						
<b>Address:</b>	4330 W. Belmont Ave						
<b>City:</b>	Chicago	<b>State:</b>	IL	<b>ZIP:</b>	60641	<b>Country:</b>	USA
<b>Telephone:</b>	+773-685-2662	<b>Fax:</b>	+773-685-8316	<b>Website</b>	<a href="https://www.nationalpower.com/">https://www.nationalpower.com/</a>		

Test Laboratory							
<b>Name:</b>	Trace Laboratories, Inc						
<b>Address:</b>	1150 West Euclid Avenue						
<b>City:</b>	Palatine	<b>State:</b>	IL	<b>ZIP:</b>	60067	<b>Country:</b>	USA
<b>Telephone:</b>	847-934-5300	<b>Fax:</b>	847-934-4600	<b>Website</b>	<a href="http://www.tracelabs.com">www.tracelabs.com</a>		

Test Report	
<b>Test report number:</b>	10 - 35569
<b>Test report date:</b>	5/28/2010

Battery Description					
<b>Model/part number:</b>	SM206/3SA21A30978INSR	<b>Configuration:</b>	3S-2P		
<b>Nominal voltage (V)</b>	11.1	<b>Capacity (mAh):</b>	4600	<b>Watt-Hour (Wh):</b>	51
<b>Battery chemistry:</b>	Lithium – Ion	<b>Product category</b>	Lithium – Ion Rechargeable Battery Pack		
<b>Battery weight (gr):</b>	334	<b>Appearance:</b>	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 5
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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6 / 6 / 2019

Date