



UN 38.3 Lithium Battery Test Summary

In accordance with sub-section 38.3 of Manual for Tests and Criteria

Manufacturer Contact Information <i>made under contract for</i>			
Name	iRT Systems GmbH		
Address	Schlossstrasse 1		
Post code: 56068	City: Koblenz	Country: Germany	
Tel: +49(261)91545-0	Email: Support@i-rt.de	www.i-rt.de	

Battery Description		
Manufacturer Part number	1050-S2P2-BMS	
Battery type	Lithium ion battery	Physical Description
Watt-hour rating	41.8Wh at 5.8Ah	Battery pack of 4 cells, black sleeve casing
Battery weight	210g	Dimensions 27mm x 133mm x 38mm

Test Laboratory			
Name	Intertek Deutschland		
Address	Innovapark 20		
Post code: 87600	City: Kaufbeuren	Country: Germany	
Tel: +49(8341)9556-0	Fax: +49(8341)9556-559	www.intertek.de	

Test Summary					
Test Report Nr.:	2222106KAU-002		Test Report Date:	2015-06-15	
Test Performed	List of Tests Completed		Test Result		Comment
Yes	No	Test	Pass	Fail	
<input checked="" type="checkbox"/>	-	UN 38.3 Test T.1 Altitude simulation test	<input checked="" type="checkbox"/>	-	-
<input checked="" type="checkbox"/>	-	UN 38.3 Test T.2 Thermal test	<input checked="" type="checkbox"/>	-	-
<input checked="" type="checkbox"/>	-	UN 38.3 Test T.3 Vibration test	<input checked="" type="checkbox"/>	-	-
<input checked="" type="checkbox"/>	-	UN 38.3 Test T.4 Shock test	<input checked="" type="checkbox"/>	-	-
<input checked="" type="checkbox"/>	-	UN 38.3 Test T.5 Short circuit test	<input checked="" type="checkbox"/>	-	-
-	<input checked="" type="checkbox"/>	UN 38.3 Test T.6 Impact/Crush test	-	-	<i>Not applicable for rechargeable batteries</i>
<input checked="" type="checkbox"/>	-	UN 38.3 Test T.7 Overcharge test	<input checked="" type="checkbox"/>	-	-
-	<input checked="" type="checkbox"/>	UN 38.3 Test T.8 Forced Discharge test	-	-	<i>Not applicable for rechargeable batteries</i>
Reference to the revised edition of the Manual of Test Criteria			UN 38.3 Rev.5, Amend.2		
Reference to assembled battery test requirements			cl. 38.3.3(f) requirements for test for rechargeable batteries and cells		
Additional Comments			-		

Nov. 30, 2022

Name:
Position:

Thesi Roestel
Director, Regulatory Affairs
iRT Systems GmbH