

Certificate of UN Test for Lithium-ion Battery Pack



Customer Model : iRobot ABL-B
 Global Code : F12432712
 Product Name : Lithium Ion Battery Pack

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Test Laboratory : Manufacturer


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We Declare this LI-Ion Battery Pack has passed UN Test.

Manual of Tests and Criteria (38.3 Lithium Batteries)	Test Results	Note	Number of test batteries/cells	
No. Test Item				
T 1 Altitude simulation	Pass		4 small batteries at first cycle, fully charged	4 small batteries after 50 cycles ending fully charged states.
T 2 Thermal test	Pass			
T 3 Vibration	Pass			
T 4 Shock	Pass			
T 5 External short circuit	Pass			
T 6 Crush	Pass	N/A		
T 7 Overcharge	Pass		First cycle, fully charged 4 batteries	After 50 cycles, fully charged 4 batteries.
T 8 Forced discharge	Pass	N/A		

*The test data may contain additional test result other than above table.

Lithium Ion Battery Pack			
Item	Nominal value	Note	
Watt-hour rating	48 Wh		
Pack Weight	473 g		
Physical description	Brand & Model: iRobot ABL-B		
Lithium equivalent content	5.04 g		

Above test procedures are compliant to the following manual:
 (Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6)
 Effective Date: 2017