

Test summary of UN test for Lithium ion single cell battery

Customer Model : 361-00056-00  
 Global Code : F12270331  
 Product Name : 1UF553450Z-GMC  
 Manufacturer : SANYO Electric Co., Ltd. 222-1 Kaminaizen, Sumoto City, Hyogo 656-8555, Japan  
 Tel +81-799-23-3931, email prb-bp-ta@ml.jp.panasonic.com  
 Test Laboratory : Same as the manufacturer

  
 H.Kuroda Senior Manager  
 Energy Solutions Business Division  
 SANYO Electric Co., Ltd.

We declare that this battery 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		First cycle, fully charged 10 cells	
T 2	Thermal test	Pass			
T 3	Vibration	Pass			
T 4	Shock	Pass			
T 5	External short circuit	Pass			
T 6	Crush	Pass		First cycle, 50% charged 5 cells	
T 7	Overcharge	Pass		First cycle, fully charged 4 batteries	After 50 cycles, fully charged 4 batteries
T 8	Forced discharge	Pass		First cycle, fully discharged 10 cells	After 50 cycles, fully discharged 10 cells

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

Lithium ion battery Specification

Item	Value/Description	Note
Watt-hour rating	3.1 Wh	
Weight	max. 24.0 g	
Physical description	Battery with outer label	
Lithium equivalent content	0.25 g	

Above test procedures are compliant to the following manual.

(Manual of Tests and Criteria ST/SG/AC. 10/11, Part III, sub-section 38.3, Rev.5A1 for cell, Rev.5A1 for battery)