

Test summary of UN test for Lithium ion cell

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Customer Model : NCR18650PF
 Global Code : BJ-A300326AA
 Product Name : NCR18650P-H0FCA
 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
 https://industrial.panasonic.com/ww/products/batteries/
 Test Laboratory : Same as the manufacturer

We declare that this cell passed UN test.

Manual of Tests and Criteria (38.3 Lithium batteries)		Test results	Note	Number of test 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	-	For battery only	For battery only	
T 8	Forced discharge	Pass		First cycle, fully discharged 10 cells	After 50 cycles, fully discharged 10 cells

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

Lithium ion cell Specification

Item	Value/Description	Note
Watt-hour rating / Rated capacity	9.8 Wh / 2.7 Ah	
Nominal voltage	3.6 V	
Weight	max.48 g	
Physical description	Cylindrical cell	
Lithium equivalent content	0.81 g	

Above test procedures are compliant to the following manual.

(Manual of Tests and Criteria ST/SG/AC.10/11/Rev.5A1, PartIII, sub-section 38.3)

Judgment for necessity of test items is carried out based on the latest rules, and it is not linked with the version actually tested.