

Test summary of UN test for Lithium ion single cell battery

Customer Model : NP-45S
 Global Code : BJ-G210053DC
 Product Name : 1UF583136R-B00ED
 Manufacturer : SANYO Electric Co., Ltd. 222-1 Kaminaizen, Sumoto City, Hyogo 656-8555, Japan

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<https://industrial.panasonic.com/ww/products/batteries/>

Test Laboratory : Same as the manufacturer

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
T 8	Forced discharge	Pass		First cycle, fully discharged 10 cells

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

Lithium ion single cell battery Specification

Item	Value/Description	Note
Watt-hour rating / Rated capacity	2.6 Wh / 0.7 Ah	
Nominal voltage	3.7 V	
Weight	max. 19 g	
Physical description	Battery with outer label	
Lithium equivalent content	0.21 g	

Above test procedures are compliant to the following manual.

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

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

Physical description of NP-45S



Color	Width(W)	Height(H)	Thickness(T)
White	31.35mm	39.5mm	5.85mm