Panasonic

E1928352 Nov. 12. 2019

Test summary of UN test for Lithium ion battery

Customer Model : CF-VZSU0QW(N4HUNQA00026)
Global Code : BJ-HM30001GA
Product Name : 3UF515761S-B004A
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

H. Kuroda

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Battery Pack Engineering Department
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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 4 batteries	After 50 cycles fully charged 4 batteries
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

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

Lithium ion battery Specification

Item	Value/Description	Note
Watt-hour rating	30 Wh	
Weight	max. 179 g	
Physical description	Battery with outer case	
Lithium equivalent content	2.34 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.