

Test summary of UN test for Lithium ion cell

Customer Model : UR18500Y
 Global Code : BJ-A700081AA
 Product Name : UR18500Y-H023A
 Manufacturer : Panasonic Energy Co., Ltd. 222-1 Kaminaizen, Sumoto City, Hyogo 656-8555, Japan
 Tel +81-799-24-4111, email un_38_lib@ml.jp.panasonic.com
<https://energy.panasonic.com/jp/business/products/lithium-ion>
 Test Laboratory : Same as the manufacturer

Y. Inaba General Manager
 Cell Development Department
 Rechargeable Battery Solution Business Unit
 Energy Solutions Business Division
 Panasonic Energy Co., Ltd.

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	4.9 Wh / 1.3 Ah	Number of cells: 1
Nominal voltage	3.7 V	
Weight	max.31.9 g	
Physical description	Cylindrical cell with shrink tube	

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.