

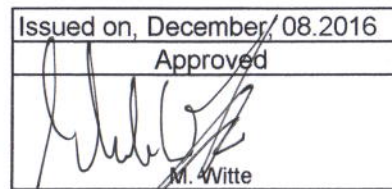
Declaration of conformity to the Lithium-Ion secondary battery UN Transportation Regulation

Pack Model No.	PA-L1017.K01.R012	Customer Part No.	WM 45045
Used cell type	Panasonic, UR-18650A		
Nominal voltage	10,8V		
Nominal capacity	4300mAh		
Watt-hour rating	46,8Wh		

No.	Test Item	Criteria	Result	Remark
T1	Altitude Simulation	No leakage, venting, disassembly, rupture, and fire. OCV should not be less than 90% before testing.	passed	
T2	Thermal Test	No leakage, venting, disassembly, rupture, and fire. OCV should not be less than 90% before testing.	passed	
T3	Vibration	No leakage, venting, disassembly, rupture, and fire. OCV should not be less than 90% before testing.	passed	
T4	Shock	No leakage, venting, disassembly, rupture, and fire. OCV should not be less than 90% before testing.	passed	
T5	External Short Circuit	External temperature should not exceed 170°C. No disassembly, rupture, and fire within six hours of this test.	passed	
T6	Crush	External temperature should not exceed 170°C. No disassembly, and fire within six hours of this test.	passed	Appendix 1
T7	Overcharge	No disassembly, and fire within seven days of this test.	passed	
T8	Forced Discharge	No disassembly, and fire within seven days of this test.	passed	Appendix 1

We confirm the conformity of this Lithium-Ion battery based on the UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.5, Admendment2, Part III, sub-section 38.3.

FEY Elektronik GmbH, Störchenweg 3, 21217 Seevetal, Germany



FEY Elektronik GmbH
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 Tel. 040 / 703 88 88-0
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Certificate of UN test for Lithium ion cell

Customer Model : UR18650A
 Global Code : BJ-A100264AA
 Product Name : UR18650A-H0AHA

S. Watanabe
 S. Watanabe General Manager
 Portable Rechargeable Battery Business Division
 SANYO Electric 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

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

Lithium ion cell Specification

Item	Nominal value	Note
Watt-hour rating	7.8 Wh	
Lithium equivalent content	0.64 g	

Above test procedures are compliant to the following manual.
 (Manual of Tests and Criteria ST/AC.10/11/Rev.5A1, PartIII, sub-section 38.3)