




## DECLARATION OF COMPLIANCE

(05 January, 2011)

The following product has been evaluated according to the 4th revised edition of the **UN Manual of Tests and Criteria**.

We, Smart Power Solution. Ltd hereby certify that this battery meets the requirements of the regulation for transportation of lithium-ion cells and batteries.

- ✓ Model Name : BH49AH
- ✓ Nominal Voltage : 10.8V
- ✓ Capacity : 5200mAh(56.2Wh)
- ✓ Type of Cell : Samsung 18650 2600mAh

Tested by	Checked by	Approved by
		
Anhwa Lim	Steven Park	Jennifer Lee

## Test Result




<input type="checkbox"/> Lithium-ion cell	<input checked="" type="checkbox"/> Lithium-ion battery
Model name	BH49AH
Nominal voltage	10.8V
Nominal capacity	5200mAh

No	Test Item	Criteria	Result	Remark
Test 1	Altitude simulation	-No leakage, venting, disassembly, rupture and no fire. -Measuring mass before/after each test. (If M>5g, less than 0.1%) -Measuring voltage before/after each test. (more than 90%)	Pass	
Test 2	Thermal test		Pass	
Test 3	Vibration		Pass	
Test 4	Shock		Pass	
Test 5	External short circuit	-No disassembly, rupture and fire within six hours of this test. -Max. temperature should not exceed 170 °C	Pass	
Test 6	Impact		-	Cell Only
Test 7	Overcharge	No disassembly and fire within seven days of the test.	Pass	
Test 8	Forced discharge		-	Cell Only

Tests through T1-T5 shall be conducted in sequence with the same battery.

We declare that the above-mentioned test is the result of being checked according to UN Test (Manual of Test and Criteria ST/SG/AC.10/27/Add.2)

We certify that this battery is proved to meet the requirements of each applicable test in the UN Manual of Test and Criteria, Part III, sub-section 38.3

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