



Declaration of Conformance – Test Summary per UN38.3.5

Manufacturer:

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Test Laboratory:

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Test Report Number: 201106201

Date of Test Report: Jun 20, 2011

Description of Battery:

Rechargeable Lithium Ion Battery containing 8 Panasonic NCR18650 2.9Ah cells in 8S1P configuration
522g, 28.8V, 2.9Ah, 84Wh

Model Number of Battery Tested: PH2059HD29

Other Model Numbers Covered: PH2059XX29, where XX can be any two letters.

Tests Conducted and Results:

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	Apr 19, 2011	PASSED
T2	Thermal Cycling	May 27, 2011	PASSED
T3	Vibration	May 27, 2011	PASSED
T4	Shock	May 27, 2011	PASSED
T5	Short Circuit	Jun 1, 2011	PASSED
T6	Impact (Cell-Level test)	Jan 9, 2009	PASSED
T7	Overcharge	Jun 20, 2011	PASSED
T8	Forced Discharge (Cell-level test)	Jan 9, 2009	PASSED

Assembled Battery Test Requirements [38.3.3 (f) and 38.3.3 (g)]: N/A

Standard:

ST/SG/AC.10/11/Rev.3/Amend.1 United Nations Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria Third revised edition Amendment 1 Part III, sub-section 38.3

Product Test Lab Manager: David W. Hellriegel

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