



Quality Since 1919

UN38.3 Lithium Battery Test Summary

COAST Products
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Report ID: MNIS0ZVT01689721

Issue Date: 11-05-2019

1. Sample Description

Sample Description	Rechargeable Lithium Polymer Battery	Sample Model	20349
Applicant	Yangdong Light Squared Lighting Co., Ltd.		
Test Laboratory Information			
Name	Pony Testing International Group	Tel	86-10-83055000/82618116
Website	http://www.ponytest.com/	Email	pony@ponytest.com
Address	Bldg1, Court 66, Jindai Road, Zhongguancun Environmental Protection Park, Haidian District, Beijing		

Model Number	Physical Description	Battery weight (g) Mass	Wh rating
20349	Rechargeable Lithium Polymer Battery	10	0.37

Cell Number	1 piece	Cell model	PE70350	Cell Capacity	100mAh
Manufacturer of cell	Jiangmen Power Electronic Co., Ltd.				
Electrochemistry System	Li-Co	Lithium Weight	0.03g		

Applicable Products
A8R, A8R Battery



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2. Test Methods

United Nations "Recommendations on the Transport of Dangerous Goods" Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.6/Amend.1), Part III sub-section.

Number	Test	Sample Number	Standard	Test Result
T1	Altitude simulation	N1~N5, C1~C5	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T2	Thermal test	N1~N5, C1~C5	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T3	Vibration	N1~N5, C1~C5	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T4	Shock	N1~N5, C1~C5	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T5	External Short Circuit	N1~N5, C1~C5	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T6	Crush	N6~N10, C6~C10	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T7	Overcharge	N11~N14, C11~C14	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T8	Forced Discharge	N15~N24, C15~C24	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass

The samples have passed the test items of United Nations "Recommendations on the Transport of Dangerous Goods" Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.6/Amend.1), Part III sub-section.

Name and Title	Date and Company Stamp	Signature
Wendy Philpott Quality & Compliance Manager	December 31, 2019  8033 NE Holman St Portland, OR 97218	