



Quality Since 1919

**UN38.3 Lithium Battery Test Summary**

COAST Products  
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**Report ID: MMIVTIDW83894521**

**Issue Date: 7-5-2018**

1. Sample Description

<b>Sample Description</b>	Rechargeable Lithium Ion Battery	<b>Sample Model</b>	21439
<b>Applicant</b>	Yangdong Light Squared Lighting Co., Ltd.		
<b>Test Laboratory Information</b>			
<b>Name</b>	Pony Testing International Group	<b>Tel</b>	86-10-83055000/82618116
<b>Website</b>	<a href="http://www.ponytest.com/">http://www.ponytest.com/</a>	<b>Email</b>	pony@ponytest.com
<b>Address</b>	Bldg1, Court 66, Jindai Road, Zhongguancun Environmental Protection Park, Haidian District, Beijing		

Model Number	Physical Description	Battery weight (g) Mass	Wh rating
21439	Rechargeable Lithium Ion Battery	60	8.88

<b>Cell Number</b>		<b>Cell model</b>	ICR18650	<b>Cell Capacity</b>	2400mAh
<b>Manufacturer of cell</b>	Guangzhou Great power Energy & Technology Co., Ltd.				
<b>Electrochemistry System</b>	Li-Co	<b>Lithium Weight</b>	0.71g		

Applicable Products
A25R, A25R Battery, HP8R, HP8R 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~N10	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T2	Thermal test	N1~N10	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T3	Vibration	N1~N10	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T4	Shock	N1~N10	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T5	External Short Circuit	N1~N10	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T6	Crush	N11~N15	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T7	Overcharge	N16~N19, C1~C4	UN38.3 ST/SG/AC.10/11/Rev.6/Amend.1	Pass
T8	Forced Discharge	N20~N29, C5~C14	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	