

UN38.3.5 Test Summary

Model 472MA0123**Manufacturer:**

Vuzix Corporation
25 Hendrix Road, West Henrietta, NY, USA, 14586
<https://www.vuzix.com/pages/support>

Manufacturer:

Shenzhen Merpower Electronic Co. Ltd.
A1513 WeiDongLong Business Building, LongHua District, Shenzhen, China

Test Laboratory:

Dongguan CTL Electromagnetic Technology Co., Ltd.
Room 107, No2, Block1, Area1, Headquarters Road No2, Songshanhu Hi-tech
Development Zone, Dongguan, Guangdong, P.R. China

Test Report Number: DGCTL202004200011A
Date of Test: May 11, 2020
Description of Battery: Rechargeable Lithium Ion Cell
3.7V, 4800mAh, 17.76Wh
Model Number of Cell Tested: INR21700E
Model Number of Battery Pack Tested: YN-042P
Tests Conducted and Results:

Test #	Description	Test result
T1	Altitude Simulation	PASSED
T2	Thermal Cycling	PASSED
T3	Vibration	PASSED
T4	Shock	PASSED
T5	Short Circuit	PASSED
T6	Impact (Cell-Level test)	PASSED
T7	Overcharge	PASSED
T8	Forced Discharge	PASSED

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

Standard:

United Nations Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria PARTIII, section 38.3 (ST/SG/AC.10/11/Rev.6/Amend.1).

Product Compliance Engineer: Malcolm Davidson



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