

## UN38.3 Test Summary Report

Lithium cell or battery test summary in accordance with section 2.9.4 UN Model Regulations and sub-section 38.3 of Manual of Tests and Criteria, Part III, subsection 38.3.5

<p>[a] <input type="checkbox"/> Cell    <input checked="" type="checkbox"/> Battery    <input type="checkbox"/> Produkt</p> <p><input checked="" type="checkbox"/> <b>Tested Type Part #:</b> PA-L2304.R002</p> <p><input type="checkbox"/> <b>Same Type Part #:</b> as listed below</p>	<p>[d] Unique report ID: UN.PB.PA-L2304.R002, UN38.3, Rev.7</p> <p>[e] Date of test report: 2022-03-18</p>
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<p>[b] <b>Manufacturer</b> Fey Elektronik GmbH Storchenweg 3 21217 Seevetal Germany T. +49 40 703 8888-0    <a href="mailto:info@feyelektronik.de">info@feyelektronik.de</a> <a href="http://www.feyelektronik.de">www.feyelektronik.de</a></p>	<p>[c] <b>Test Laboratory</b> Fey Elektronik GmbH Storchenweg 3 21217 Seevetal Germany T. +49 40 703 8888-0    <a href="mailto:info@feyelektronik.de">info@feyelektronik.de</a> <a href="http://www.feyelektronik.de">www.feyelektronik.de</a></p>
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Same Type Part Numbers # (all):

[f] (i)  Lithium-ion     Lithium-metal     Cell     Battery

[f] (ii) Mass: approx. 23 g

[f] (iii)  Watt-hour rating: 3.7 Wh or  Lithium content: g

[f] (v) Model number(s): PA-L2304.R002

[f] (iv) Physical description: Secondary (rechargeable) Softcase-Pack with one cell and protective device.  
Nominal Voltage: 3.7V, Nominal Capacity: 1040mAh typical  
Used and UN38.3-tested cell type: Panasonic, UF553443ZU

Our batteries/products are manufactured according to a Quality-Management-System.  
For further information visit our website.

[g] List of Tests Conducted	Result (Pass / Fail / N.A.)	Remark
38.3.4.1 Test T.1: Altitude simulation	Pass	
38.3.4.2 Test T.2: Thermal test	Pass	
38.3.4.3 Test T.3: Vibration	Pass	
38.3.4.4 Test T.4: Shock	Pass	
38.3.4.5 Test T.5: External short circuit	Pass	
38.3.4.6 Test T.6: Impact/Crush	N.A.	for cell testing only
38.3.4.7 Test T.7: Overcharge	Pass	
38.3.4.8 Test T.8: Forced discharge	N.A.	for cell testing only
[h] Battery assembly: <input checked="" type="checkbox"/> Not Applicable. <input type="checkbox"/> UN38.3.3 (f) <input type="checkbox"/> UN38.3.3 (g)		
[i] Test Reference: UN Manual of Tests and Criteria, Part III, sub-section 38.3, ST/SG/AC.10/11/Rev.7		

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<p>[j] Signatory    Date: 2022-03-18</p> <p>Name: Michael Witte</p> <p>Title: General Manager</p>
<p>Signature:</p>

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