

State: 01.10.2019



UN 38.3 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 the UN Manual of Tests and Criteria, Part III, subsection 38.3.5

22/01/20

Date

HY-LINE AG

Company

Hochstrasse 355

Address

CH-8200 Schaffhausen

Address

Please mark with a cross and fill in as appropriate

Cell ☐

Battery ☒

Product ☐

Manufacturer

Name HY-LINE AG
Address Hochstrasse 355, 8200 Schaffhausen, CH
Phone +41526474200
Email info@hy-line.ch
Website www.hy-line.ch

Manufacturer of the equipment

(if the cell or battery is contained in equipment)

Name
Address
Phone
Email
Website

Test Laboratory

Unique report ID 10-04-EAT-127- Report date: 29/07/10

Name Electronics Testing Center, Taiwan
Address No. 8, Lane 29, Wenning Rd., Guishan S.
Phone +886033280026
Email info@etc.org.tw
Website www.etc.org.tw

Description

Li-ion ☒ Li-hybrid ☐ Li-metal ☐

Description: 2S1P Li-Ion battery pack

Mass: 105gr Watt hour rating 18.5Wh

Lithium content: 1.48gr

Cell ☐ Battery ☒ Product ☐

Model number/Part number: H2B298

Battery assembly

Not Applicable ☐ UN 38.3.3 (f) ☒ UN 38.3.3 (g) ☐

Test Reference: UN Manual of Tests and Criteria, Part III, subsection 38.3: 4th edition

✗ Schaffhausen, 22th of January 2020

City, Date

✗ Fabian Fluck, Project Manager

Name, title

HY-LINE AG
Hochstrasse 355
CH-8200 Schaffhausen
www.hy-line.ch

Signature

please fill in

List of tests conducted	Pass	Fail	N/A.
T1 - Altitude simulation (38.3.4.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T2 - Thermal Test (38.3.4.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T3 - Vibration (38.3.4.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T4 - Shock (38.3.4.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T5 - External Short Circuit (38.3.4.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T6 - Impact/Crush (cell only test) (38.3.4.6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
T7 - Overcharge (38.3.4.7)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T8 - Forced Discharge (cell only test) (38.3.4.8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

TEST REPORT

Report No. : 10-04-EAT-127-E05

Applicant : HY-LINE AG

Address : Gründenstrasse 82, 8247 Flurlingen Schweiz

Commodity : Li-ion Battery Pack

Model : H2B298

Quantity : 24 pcs

Date of Receipt : Apr. 06, 2010

Date of Testing : May 26, 2010~ Jul. 14, 2010

Ambient Environment : Temp. 25~29°C , R.H. 56~71%

Testing Item : Refer to next page

Testing Laboratory Name : Electronics Testing Center, Taiwan

Address : No. 8, Lane 29, Wenming Rd., Guishan Shiang, Taoyuan
County, Taiwan 33383
TEL:03-3280026
FAX:03-3276127
<http://www.etc.org.tw>



Tested by : Wesley Chiou Approved by : Sophia Liu
(Signature) Wesley Chiou (Signature) Sophia Liu

Contents : Total 25 pages

Note: 1. The results of the testing report relate only to the items tested.
2. The testing report shall not be reproduced except in full, without the written approval of ETC.