

## UN 38.3 Test Summary Report

Lithium cell or battery test summary in accordance with section 2.9.4 UN model regulations and subsection 38.3 of the UN manual of tests and criteria, part III, subsection 38.3.5

### General Informations

**Cell** **Battery** **Product**

☐ Date:  
☐ Company:  
☐ Street:  
☐ Zip Code & City:

### Test Laboratory

☐ Unique Report ID:  
☐ Report Date:  
☐ Company:  
☐ Address:  
  
☐ Phone:  
☐ eMail: ☐ Web:

### Manufacturer Address

☐ Company:  
☐ Address:  
  
☐ Phone:  
☐ eMail: ☐ Web:

### Manufacturer of the Equipment

☐ Company:  
☐ Address:  
  
☐ Phone:  
☐ eMail: ☐ Web:

### Description

**Li-ion** **Li-metal** **Cell** **Battery** **Product**

☐ Model no. /Part no.: ☐ Description:  
  
☐ Mass: ☐ Watt hour rating ☐ Lithium content:

### List of tests conducted

Description	Pass	Fail	N/A.
T1 - Altitude simulation (38.3.4.1)			
T2 - Thermal Test (38.3.4.2)			
T3 - Vibration (38.3.4.3)			
T4 - Shock (38.3.4.4)			
T5 - External Short Circuit (38.3.4.5)			
T6 - Impact/Crush (cell only test) (38.3.4.6)			
T7 - Overcharge (38.3.4.7)			
T8 - Forced Discharge (cell only test) (38.3.4.8)			

### 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:

Edition:

### Signature

Name

Title

Date

City



**HY-LINE AG**  
 Hochstrasse 355  
 CH-8200 Schaffhausen  
[www.hy-line.ch](http://www.hy-line.ch)  
 Signature



Verification Report No.	HE6V072/2022
Date of Issued	August 11, 2022
Applicant	HY-LINE AG
Address of Applicant	HOCHSTRASSE 355, CH-8200 SCHAFFHAUSEN, SWITZERLAND
Manufacturer	Mobile Energy Technology Co., Ltd.
Address of Manufacturer	No. 13, Kong 9th Road, 2nd Industrial Park, Linkou District, New Taipei City, Taiwan, R.O.C.
Contact information of Manufacturer	Web: <a href="http://www.metco.com.tw">http://www.metco.com.tw</a> TEL: +886 2 2601 0385 Mail: <a href="mailto:overseas@metco.com.tw">overseas@metco.com.tw</a>
Product	2S3P Li-ion Battery Pack
Model/ Type Ref.	H2B2722.2
Ratings and Principal Characteristics	7.2 Vdc, 72 Wh
Appearance	Sealed with white heat shrink tube wrap.
Mass	292 g
Tested According to	UN ST/SG/AC.10/11/Rev.7 Manual of Tests and Criteria, Part III, sub-section 38.3
As shown in the Test Report No. which forms Part of this Verification	HE60072/2022 dated on August 11, 2022

### Conclusion

Based upon a review of the Test Report(s), the tested sample of the product mentioned above is deemed to comply with the below requirements of:

UN ST/SG/AC.10/11/Rev.7 Manual of Tests and Criteria, Part III, sub-section 38.3

Test 1: Altitude Simulation

Test 4: Shock

Test 2: Thermal Test

Test 5: External Short Circuit

Test 3: Vibration

Test 7: Over charge

Note : This verification is only valid for the product and configuration described and in conjunction with the technical data detailed above.

Authorized Signatory:



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