

### UN 38.3 Test Summary Report

Lithium Cell or Battery Test Summary in Accordance with Transport of Dangerous Good Subsection 38.3 of the UN Manual of Test and Criteria, Part III subsection 38.3.5

[d] Unique report ID: BE99307005060-01

[e] Report date: 18<sup>th</sup> May 2018

[a]  Cell  Battery  Product  
Tested Type Part #: 60.16282

Sony US 14500 VR2B 1S1P

Same Battery Type:

[b] Manufacturer  
DYNAMIS Batterien GmbH  
Brühlstraße 15  
78465 Dettingen / Konstanz  
Germany

Phone: +49 7533 93669-0  
[www.dynamis-batterien.de](http://www.dynamis-batterien.de)  
[info@dynamis-batterien.de](mailto:info@dynamis-batterien.de)

[c] Test Laboratory  
TÜV SÜD Battery Testing GmbH  
Garching Laboratory  
Daimlerstraße 15  
85748 Garching  
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[info@dynamis-batterien.de](mailto:info@dynamis-batterien.de)

[c] Testing procedure elsewhere

[f] Description

- (i)  Li-Ion  Li-metal
  - (ii) Weight: 36g
  - (iii) Watt hour rating: 2,646Wh
  - (v)  Cell  Battery  Product.
  - (iv) Secondary (rechargeable) single-cell-battery 1S1P 3,7V. One cell Sony US 14500 VR2B inclusive protection device in plastic housing.
- Lithium content:  
Model number/Part number: 60.16282

DYNAMIS Batterien GmbH manufactures all batteries under a quality management system as required according to this regulation:

[g] List of Tests Conducted

Result (Pass / Fail / N.A.)

38.3.4.1 T.1: Altitude simulation	Pass
38.3.4.2 T.2: Thermal test	Pass
38.3.4.3 T.3: Vibration	Pass
38.3.4.4 T.4: Shock	Pass
38.3.4.5 T.5: External short circuit	Pass
38.3.4.6 T.6: Impact/Crush	Pass
38.3.4.7 T.7: Overcharge	Pass
38.3.4.8 T.8: Forced discharge	Pass

[h] Battery assembly:  Not Applicable  UN.38.3.3(f)  UN 38.3.3(g)

[i] Test Reference: UN Manual of Test and Criteria, Part III, sub-section 38.3. 5. revised edition

[j] Signatory A Date: 07<sup>th</sup> January 2020

Name: Frank Schnettka  
Title: Laboratory Manager  
Signature



[j] Signatory B Date: 07<sup>th</sup> January 2020

Name: M. Reichmann  
Title: General Manager  
Signature

