# **Lithium Cells or Battery Test Summary Report**

In accordance with Sub-Section 38.3 of Manual of Tests and Criteria

### **TEST SUMMARY REPORT**

## Cell, Battery, or Product Model Number

Item Number:HPC1520

Item Name: Hybrid Pulse Capacitor

### **Cell, Battery, or Product Manufacturer's Contact Information**

Name: Wuhan Voltec Energy Sources Co., Ltd.

Address: No. 231 Xingsan Road, Shamao Street, Hannan District, Wuhan City, Hubei Province, China.

| City: Wuhan               | State:Hubei Province              |  |  |
|---------------------------|-----------------------------------|--|--|
| Zip / Postal Code: 430090 | Country: China                    |  |  |
| Telephone: 86-27-84732116 | Email: sunmoon@voltec-sunmoon.com |  |  |
| Fax:86-27-84732179        | Website: www.voltec-sunmoon.com   |  |  |

### **Test Laboratory**

Name: PONY Testing Group Shenzhen Co., Ltd.

Address: 1F., Building A2, Junfeng Zhongcheng Zhizao Innovation Park, Fuhai Road, Bao`an District.

| City: Shenzhen            | State: Guangdong          |
|---------------------------|---------------------------|
| Zip / Postal Code:518126  | Country: China            |
| Telephone:86-755-26050909 | Email: cst@ponytest.com   |
| Fax: 86-755-26050909      | Website: www.ponytest.com |

### **Cell or Battery Description**

| Cell or Battery: Cell                           | Physical Description (dimensions, appearance): Cylinder Solid                             |
|---|---|
| Cell or Battery Type: Rechargeable Lithium Cell |   |
|   | The cell maybe come with optional suffixes consisting the following finishing to the cell |
| Watt-hour Rating or Lithium Content: 0.36WH     | (leads-tabs etc).   |
|   |   |
| Completed Cell or Battery Weight:10g            |   |
|   |   |

| Unique Test Report ID Number: MMIX9T9M52868721 |    |                                     |      | Date of Test Report:2018-11-26 |  |
|--|----|-------------------------------------|------|--------------------------------|--|
|  |    |                                     |      |                                |  |
|  |    | List of Tests Completed:            |      |                                |  |
| Yes  | No |                                     | Pass | Fail                           | Additional Comments (or indicate compliance with other standards, e.g. Underwriters Laboratory):           |
| YES  |    | Test T.1: Altitude Simulation       | Pass |                                |  |
| YES  |    | Test T.2: Thermal Test              | Pass |                                |  |
| YES  |    | Test T.3: Vibration                 | Pass |                                | Reference to Assembled Battery Testing Requirements, if applicable (i.e. 38.3.3(f) and 38.3.3(g))          |
| YES  |    | Test T.4: Shock                     | Pass |                                |  |
| YES  |    | Test T.5: External Short<br>Circuit | Pass |                                |  |
| YES  |    | Test T.6: Impact / Crush            | Pass |                                | Reference to the Revised Edition of the Manual of Tests & Criteria used and to amendments thereto, if any: |
| NA   |    | Test T.7: Overcharge                | NA   |                                |  |
| YES  |    | Test T.8: Forced Discharge          | Pass |                                |  |

| Signature with na | rovided: Date: |            |            |
|-------------------|----------------|------------|------------|
| MuMin             | 7hu Min        | OC Manager | 2019-12-30 |