TEST REPORT

Applicant: Australian Competition & Consumer Commission
Level 35, 360 Elizabeth Street,
Melbourne 3000, Australia.

Number: 16041383HKG-001
Date: 26 May 2016

Sample Description

Product : Smart Balance Wheel
Brand Name : Not Provided
Model No. : ACCC-IEC-2258647
Electrical Rating : For DC input: DC42V ————, 2.0A;
For Built-in rechargeable battery: DC36V ————, 4400mAh

No. of Samples : 1
Date Received : 28 Apr 2016
Date Test Conducted : 28 Apr 2016 to 24 May 2016
Test Requested : Heating and battery short-circuited test
Test Result : See the attached sheets

Conclusion : The submitted samples Comply with the above safety requirement.
But the note should be noted.

End of Page

Prepared and checked by:

Siu Kam Fai
Senior Technical Engineer
TEST REPORT

Number: 16041383HKG-001

1. When determining the test conclusion, measurement uncertainty of test has been considered.

2. The evaluation in this report was tested with the external battery charger, model no.: DCSP420200, with following electrical rating:
   - Input: AC100-240V-., 50/60Hz, 90W
   - Output: DC42V —— , 2.0A

3. The safety evaluation of above external battery charger is not included in this test report.

4. Clause 11 Heating test was performed in accordance to clause 3.1.9 and clause 11.7 of Means of Compliance for Hover Boards issued by energysafe VICTORIA.

5. For clause 19.B.102, short circuited of battery terminals was performed regardless of the construction of the battery.

*************************************************************************** End of Page***************************************************************************
**TEST REPORT**

**Test Results:**

<table>
<thead>
<tr>
<th>Clause</th>
<th>Title/ Description</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEC 60335-1:2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Heating</td>
<td>Complied (See Appendix A)</td>
</tr>
<tr>
<td>19.B.102</td>
<td>Abnormal Operation</td>
<td>Complied</td>
</tr>
</tbody>
</table>

End of Page
## TEST REPORT

### Appendix A:

<table>
<thead>
<tr>
<th>11.8</th>
<th>TABLE: Heating test, thermocouple measurements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test voltage (V)</td>
<td>254.4V (for external battery charger)</td>
</tr>
<tr>
<td>Ambient (°C)</td>
<td>t1: 22.0 / t2: 22.8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thermocouple locations</th>
<th>Max. temperature rise measured, (dT) (K)</th>
<th>Max. temperature rise limit, (dT) (K)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery surface (inaccessible)</td>
<td>22</td>
<td>Reference only (see Remark below)</td>
</tr>
</tbody>
</table>

**Remark:**
1. \(t1\) = initial ambient temperature, \(t2\) = end ambient temperature
2. Limit of battery surface should be in accordance to Remark 3 without consideration of energsafe VICOTRIA.
3. IEC 60335-1:2013: The temperature rise of the battery surface shall not exceed the temperature rise limit in the battery manufacturer’s specification for the type of battery supplied. If no limit is specified, the temperature rise shall not exceed 20 K.
# TEST REPORT

Appendix B:  
Component list:

<table>
<thead>
<tr>
<th>Object / part No.</th>
<th>Manufacturer/ trademark</th>
<th>Type / model</th>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Built-in Rechargeable Lithium Battery</td>
<td>Victpower</td>
<td>VICTa10S2PND2200 PM01</td>
<td>DC36V 4400mAh</td>
</tr>
</tbody>
</table>
Appendix C: Details description of marking on the sample

i) The following information was printed on the label and affixed on the external battery charger.

---

End of Page
TEST REPORT

Appendix D: (Cont'd)

Photo:

Marking on battery

Outlook of the external battery charger

************************************************************************ End of Report************************************************************************