

IATA Drop Test Report

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| Date: 08 April, 2009 |
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| Product Information | |
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| Model Name : | BD08 |
| Description : | Rechargeable Lithium Ion Battery |
| Ratings : | 11.1V 4400mAh(49Wh) |
| Cell Information : | Samsung 18650 2200mAh |

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| Drop Test Result : | <u>PASS</u> |
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SPS Inc.

| Tested by | Checked by | Approved by |
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|  |  |  |
| Justin Jeong | Steven Park | Jennifer Lee |

1. Test Procedure

- 1) Before test : Check the appearance and function (per SPS Shenzhen's OQC standard).
- 2) 1.2m package drop test according to the test sequence below. Total 10 drops.
(Refer to the Drop Test Pictures)

| Sequence Number: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------|--------|---------------|-------------------|--------------|---------------|---------------------------|-------------|-------------------------|--------------|--------------------------|
| Impact Surface: | Corner | Shortest Edge | Next Longest Edge | Longest Edge | Smallest Face | Opposite of Smallest Face | Medium Face | Opposite of Medium Face | Largest Face | Opposite of Largest Face |
| Surface Reference: | #5-3-1 | #5-3 | #5-1 | #3-1 | #5 | #6 | #3 | #4 | #2 | #1 |



- 3) After 10 drop test, check the status of package.
- 4) Check the appearance and function (per SPS Shenzhen's OQC standard).

2. Pass/Fail Criteria

1) Appearance Check

- There is no damage externally to batteries contained therein.(per SPS Shenzhen's OQC standard)
- There is no shifting of the contents so as to allow battery to battery contact.
- There is no release of contents.

2) Function Check

- There is no function problem to batteries contained therein.(per SPS Shenzhen's OQC standard)

| Drop Test Pictures | | | |
|---------------------------|---|----------------|---|
| Step 1 |  | Step 2 |  |
| Step 3 |  | Step 4 |  |
| Step 5 |  | Step 6 |  |
| Step 7 |  | Step 8 |  |
| Step 9 |  | Step 10 |  |

3. Test Result

| Appearance Check | Function Check | Result |
|------------------|----------------|--------|
| PASS | PASS | PASS |

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