




## IATA Drop Test Report

Date: 19 November, 2009
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Product Information	
Model Name :	BD02
Description :	Rechargeable Lithium Ion Battery
Ratings :	11.1V 4400mAh(49Wh)
Cell Information :	Samsung 18650 2200mAh

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

Tested by	Checked by	Approved by
		
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)

<b>Drop Test Pictures</b>			
<b>Step 1</b>		<b>Step 2</b>	
<b>Step 3</b>		<b>Step 4</b>	
<b>Step 5</b>		<b>Step 6</b>	
<b>Step 7</b>		<b>Step 8</b>	
<b>Step 9</b>		<b>Step 10</b>	

### 3. Test Result

Appearance Check	Function Check	Result
PASS	PASS	PASS

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