

IATA Drop Test Report




Date: 24 November, 2009

Product Information	
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Model Name :	BD18
Description :	Rechargeable Lithium Ion Battery
Ratings :	14.8V 4400mAh(65.1Wh)
Cell Information :	Samsung 18650 2200mAh

Drop Test Result :	<u>PASS</u>
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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)

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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