

**Supporting Document as Required for Shipping Lithium Battery/Cell
which Comply with Part 1 of IATA DGR PI 965~970**

MAWB No.: 695-2950 6971
Total Pieces of Lithium Battery:
Final Destination: DFW
Flight/Date: BR 698/02 SEP.

Referring to the captioned shipment, we hereby certify that:

1. It contains LITHIUM ION BATTERIES which comply with Part 1 of IATA DGR Packing Instruction PI965&PI966.
2. It must be handled with care. Flammability hazard exists if the package is damaged.
3. Special procedures (see attached MSDS) to be followed in the event the package is damaged.
4. If additional information required, please contact through telephone 886-2-8647-1166 (country code + area code + tel. no.)



Signature of Shipper or His Authorized Agent : _____

Name and Title of Signatory: Peggy Chiang--SHIPPING

Company Name: CIPHERLAB CO LTD.

Date: 2009.08.31



11486
 11486
 TD HITECH Energy Inc.

Test result of UN manual of tests and criteria (The subsection 38.3)

No : 20090325-01

Date : 2009/03/25

1. Li-polymer cell or battery Lithium-ion cell or battery
2. cell Battery Pack (composition of cell : 1S1P)
3. Customer model name : BA-0011A8
4. Customer : CipherLAB
5. Test results of the UN Recommendation on the Transport of Dangerous Goods.

Test Item	Test Description	Result	Remarks
T1	Altitude simulation	PASS	
T2	Thermal test	PASS	
T3	Vibration	PASS	
T4	Shock	PASS	
T5	External short circuit	PASS	
T6	Impact	PASS	
T7	Over charge	PASS	
T8	Forced discharge	N/A	for cell only

6. Rated :

Cell manufacturer : Sanyo Model : UF103450

Above mentioned is tested by TD HITECH Energy Inc.

Parameter	Value	Limit
Normal voltage	3.7 V	
Rated Capacity	1800 mAh	
Watt-hour	6.66 Wh	Cells \leq 20Wh, Battery \leq 100Wh
Aggregated lithium content or aggregated lithium equivalent content	0.54 g	Cells \leq 1g (primary), 1.5g (ion) Battery \leq 2g (primary), 8g (ion)

We, TD HITECH Energy Inc., hereby certify that above results are confirmed in accordance with the Manual of Tests and Criteria of the UN recommendations on Transport of Dangerous Goods, Part III, sub-sections 38.3



11664 臺灣經濟發展局核准設立 02-2790-7966 02-6414-4330 02-2790-7787 臺灣航運股份有限公司
 49, No. 107, Anshan St., Taipei (Taipei), Taipei City 11664, Taiwan TD HITECH ENERGY INC.

Test result of UN manual of tests and criteria (The subsection 38.3)

No : 20090402-02

Date : 2009/04/02

1. Li-polymer cell or battery Lithium-ion cell or battery
2. cell Battery Pack (composition of cell : 1S1P)
3. Customer model name : BA-000700
4. Customer : CipherLAB
5. Test results of the UN Recommendation on the Transport of Dangerous Goods.

NO.	Test Name	Test Result	Remarks
T1	Altitude simulation	PASS	
T2	Thermal test	PASS	
T3	Vibration	PASS	
T4	Shock	PASS	
T5	External short circuit	PASS	
T6	Impact	PASS	
T7	Over charge	PASS	
T8	Forced discharge	N/A	for cell only

6. Rated :

Cell manufacturer : Sanyo Model : UF14500

Above mentioned is tested by TD HITECH Energy Inc.

Item	Rated Value	Remarks
Normal voltage	3.7 V	
Rated Capacity	700 mAh	
Watt-hour	2.59 Wh	Cells ≤20Wh, Battery ≤100Wh
Aggregated lithium content or aggregated lithium equivalent content	0.21 g	Cells ≤1g (primary), 1.5g (ion) Battery ≤2g (primary), 8g (ion)

We, TD HITECH Energy Inc., hereby certify that above results are confirmed in accordance with the Manual of Tests and Criteria of the UN recommendations on Transport of Dangerous Goods, Part III, sub-sections 38.3

Certificate of Package Drop Test for Lithium ion cell

FEB. 27. 2009

Sanyo Model : SEC (PK)-6BH
 Sanyo Product Code : 166002143

Sanyo Electric Co., Ltd.
 Mobile Energy Company
 Technical Dept. Unit
S. J. J. J.
 Sanyo Battery Manager
 Specimen Designated

Test Item	Test results	Note
Package Drop Test	Pass	The package shall be dropped from 1.2meter high onto a concrete surface (Flat and horizontal) with five orientations : (1) flat on the bottom, (2) flat on the top, (3) flat on the long side, (4) flat on the short side, (5) on a corner

Lithium ion cell Specification

Item	Nominal value	Note
Nominal voltage	3.7 V	
Rated capacity	1.8 Ah	
Lithium equivalent content	6.65g	

We declare that the above - mentioned test is passed



11484 台北市中山區南京東路二段277號 2F, No.187, Ankei Rd., Neihu District, Taipei City 11484, Taiwan

遠東能源股份有限公司
TD HITECH Energy Inc.

落下 / Drop

電池碰撞試驗結束後，6個面從1.2公尺高處自由低落。電池外觀應無明顯損傷、漏液、冒煙或爆炸。

After charged with standard charge, dropped from 1.2m height at 6 directions. The battery should be no appearance change, no leakage, no smoking, no rupture, no fire.

Model : BA-0011A8

Quantity: 1 CTNS

Issued : Quality assurance Dept.

Date: 2009/1/07

Test Data:

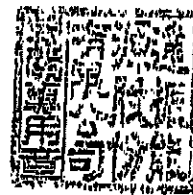
Before test	voltage	Internal impedance	After test	voltage	Internal impedance
Sample 1	3.78 V	87.2 mΩ	Sample 1	3.78 V	87.7 mΩ
Before test	voltage	Internal impedance	After test	voltage	Internal impedance
Sample 2	3.78 V	89.8 mΩ	Sample 2	3.78V	89.1 mΩ

Criteria :

Normal functional test should be satisfied after the test.

No appearance change, no leakage, no smoking, no rupture, no fire.

Result : PASS



Approver : Richard

Checker : Mark

Tester : Didi



11484 金山路99號8樓801室 02-2776-7700 02-6616-8888 02-2776-7999 聯新能源股份有限公司
27, No. 101, Anhai St., Neihu District, Taipei City 11484, Taiwan T2 Hitech Energy Inc.

落下 / Drop

電池碰撞試驗結束後，6個面從1.2公尺高處自由低落。電池外觀應無明顯損傷、漏液、冒煙或爆炸。

After charged with standard charge, dropped from 1.2m height at 6 directions. The battery should be no appearance change, no leakage, no smoking, no rupture, no fire.

Model : BA-000700

Quantity: 1 CTNS

Issued : Quality assurance Dept.

Date: 2009/1/07

Test Data:

Before test	voltage	Internal Impedance	After test	voltage	Internal Impedance
Sample 1	3.78 V	87.2 mΩ	Sample 1	3.78 V	87.7 mΩ
Before test	voltage	Internal Impedance	After test	voltage	Internal Impedance
Sample 2	3.78 V	89.8 mΩ	Sample 2	3.78V	89.1 mΩ

Criteria :

Normal functional test should be satisfied after the test.

No appearance change, no leakage, no smoking, no rupture, no fire



Result : PASS

Approver : Richard

Checker : Mark

Tester : Didi

Certificate of UN test for Lithium ion cell

Mar. 06, 2006

Sanyo Model : SEC(GHO-GBM)
 Sanyo Product Code : 166002143

Sanyo Electric Co., Ltd.
M. Takahashi
 M. Takahashi Senior Manager
 Ion Engineering Development Department

No.	Test item	Test results	Note
T 1	Altitude simulation	Pass	
T 2	Thermal test	Pass	
T 3	Vibration	Pass	
T 4	Shock	Pass	
T 5	External short circuit	Pass	
T 6	Impact	Pass	
T 7	Overcharge	-	For battery only
T 8	Forced discharge	Pass	

Lithium ion cell Specification

Item	Nominal value	Note
Nominal voltage	3.7 V	
Rated capacity	1.8 Ah	
Lithium equivalent content	0.54 g	

We declare that the above - mentioned test is the result of being checked according to UNtest
 (Manual of Tests and Criteria SI/SG/AC.10/11/Rev.4, PartIII, sub-section 38.3)