



Ref. Certif. No.

JPTUV-071133-A1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product
Produit

Lithium-Ion Battery Pack

Name and address of the applicant
Nom et adresse du demandeur

GlobTek, Inc.
186 Veterans Dr. Northvale
NJ 07647, USA

Name and address of the manufacturer
Nom et adresse du fabricant

GlobTek, Inc.
186 Veterans Dr. Northvale
NJ 07647, USA

Name and address of the factory
Nom et adresse de l'usine

See additional page(s)

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

DC 11.1V, 2600mAh, 28.86Wh

Trademark (if any)
Marque de fabrique (si elle existe)

GlobTek, Inc.

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

N/A

Model / Type Ref.
Ref. de type

BL2600C1865003S1PG*G(*=A, B, C, J, K, L, M, N, P, Q, R, T,
U, V, 1, 2, 3, 4, 5, 6, 7, 8, 9)

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)

Re-issue of JPTUV-071133 dated 14.04.2016,
due to non-technical change.
For model differences, refer to the test report.

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 62133:2012
See Test Report for National Differences

As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

17056428 002

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
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Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 02.07.2018

Signature:

Dipl.-Ing. Univ. S. O. Steinkamp

1. GlobTek (Suzhou) Co., Ltd.
Building 4
No. 76, Jinling East Road
Suzhou Industrial Park
Jiangsu 215021, P. R. China

Additional information (if necessary)
Information complémentaire (si nécessaire)

Report Ref. No.: 17056428 002

Date: 02.07.2018

Signature:

Dipl.-Ing. Univ. S. O. Steinke



Test Report issued under the responsibility of:



TEST REPORT

IEC 62133

Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications

Report Number: 17056428 002

Date of issue: 2018-07-02

Total number of pages: 6 pages

Applicant's name: GlobTek, Inc.

Address: 186 Veterans Dr. Northvale, NJ 07647, USA

Test specification:

Standard: IEC 62133: 2012 (Second Edition)

Test procedure: CB Scheme

Non-standard test method: N/A

Test Report Form No.: IEC62133B

Test Report Form(s) Originator: UL(Demko)

Master TRF: Dated 2013-03


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If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

Test item description: Lithium-Ion Battery Pack

Trade Mark:  **GlobTek, Inc.®**

Manufacturer: Same as applicant

Model/Type reference: BL2600C1865003S1PG*G(*=A, B, C, J, K, L, M, N, P, Q, R, T, U, V, 1, 2, 3, 4, 5, 6, 7, 8, 9)

Ratings: DC 11.1V, 2600mAh, 28.86Wh

Testing procedure and testing location:		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Shenzhen LCS Compliance Testing Laboratory Ltd.
Testing location/ address		Xingyuan Industrial Park, Tongda Road, Bao'an Avenue, Bao'an District, Shenzhen, Guangdong, China
<input type="checkbox"/>	Associated CB Testing Laboratory:	
Testing location/ address		
Tested by (name + signature)		Rick Zhu
Approved by (name + signature)		Hart Qiu
<input type="checkbox"/>	Testing procedure: TMP	
Testing location/ address		
Tested by (name + signature)		
Approved by (name + signature)		
<input type="checkbox"/>	Testing procedure: WMT	
Testing location/ address		
Tested by (name + signature)		
Witnessed by (name + signature)		
Approved by (name + signature)		
<input type="checkbox"/>	Testing procedure: SMT	
Testing location/ address		
Tested by (name + signature)		
Approved by (name + signature)		
Supervised by (name + signature) ..		

List of Attachments (including a total number of pages in each attachment): See previous report 17056428 001 for details.	
Summary of testing:	
Tests performed (name of test and test clause): N/A Remark: The built-in cell (ICR18650-26++) is CB approved according to IEC 62133: 2012 by SGS (CB Certificate No.: DK-33809-UL, Report No.: BA-13CA36829-A-1) The electrolyte type of this cell doesn't belong to polymer, and the applicant declares that this battery isn't to be sold in France, Japan, Republic of Korea and Switzerland. Tests are made with the number of batteries specified in IEC 62133: 2012 (Second Edition) Table 2.	Testing location: N/A
Summary of compliance with National Differences: See previous report 17056428 001 for details. <input checked="" type="checkbox"/> The product fulfils the requirements of <u>EN 62133: 2013</u>	
Copy of marking plate: See previous report 17056428 001 for details.	

Test item particulars.....:	
Classification of installation and use.....:	To be defined in final product
Supply connection.....:	DC Connector
Recommend charging method declared by the manufacturer	Charging the battery with 520mA constant current, then 12.6V constant voltage until current reduces to 52mA at ambient 20°C±5°C
Discharge current (0.2 I_t A)	520mA
Specified final voltage	9.0V
Chemistry	<input type="checkbox"/> nickel systems <input checked="" type="checkbox"/> lithium systems
Recommend of charging limit for lithium system	
Upper limit charging voltage per cell.....:	4.25V
Maximum charging current	1300mA
Charging temperature upper limit	45°C
Charging temperature lower limit.....:	10°C
Polymer cell electrolyte type	<input type="checkbox"/> gel polymer <input type="checkbox"/> solid polymer <input checked="" type="checkbox"/> N/A
Possible test case verdicts:	
- test case does not apply to the test object.....:	N/A
- test object does meet the requirement.....:	P (Pass)
- test object does not meet the requirement.....:	F (Fail)
Testing.....:	
Date of receipt of test item	N/A
Date (s) of performance of tests	N/A
General remarks:	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.</p> <p>"(See Enclosure #)" refers to additional information appended to the report.</p> <p>"(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.</p>	
Manufacturer's Declaration per sub-clause 4.2.5 of IEC 62133B:	
<p>The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not applicable</p>	
When differences exist; they shall be identified in the General product information section.	

Name and address of factory (ies) : 1. GlobTek (Suzhou) Co., Ltd.
Building 4, No. 76, Jinling East Road, Suzhou
Industrial Park, Jiangsu 215021, P. R. China

General product information:

See previous report 17056428 001 for details.

Description of change(s):

1. Changed the model name of the Cell from "ICR18650-26F" to "**ICR18650-26++**" in the critical components information due to the client's request, See the TABLE: Critical components information for details on page 6.

2. Changed the address of factory Kayo Maxtar Battery Limited from

West 11th-13th Floor, A2 Building, Zhongtai Information & Technology Industrial Park, No. 2 Dezheng Road, Shiyuan Street, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

To

11th Floor, 8th Floor West and 13th Floor, A2 Building, Zhongtai Industrial Park, Dezheng Road, Shiyuan, Baoan District, Shenzhen City, Guangdong Province, P. R. China

For the above described change(s) the following was considered to be necessary:

Change	Testing	Comments	Result
1, 2	N/A	No safety related tests were considered necessary	P

History of amendments and modifications:

Ref. No. 17056428 001, dated 2016-04-13 (original test report)

Ref. No. 17056428 002, dated 2018-07-02 (1st amendment)

TABLE: Critical components information						P
Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity ¹⁾	
Cell	SAMSUNG SDI CO LTD	ICR18650-26++	3.7Vdc or 3.63Vdc, 2600mAh	IEC 62133: 2012	Certificate No.: DK-33809-UL, Report No.: BA-13CA36829-A-1	
Supplementary information: ¹⁾ Provided evidence ensures the agreed level of compliance.						

-- End of Report --