

Nº B7-A2Z0-0072

Wir	We	Nous
BARTEC GmbH Max-Eyth-Straße 16 97980 Bad Mergentheim Germany		
erklären, dass der Akku	declare that the battery	attestons que le la batterie

BARTEC Type B7-A2Z0-0072

auf den sich diese Erklärung bezieht den Anforderungen des folgenden Handbuch entspricht Handbuch der Tests und Kriterien der Vereinten Nationen Abschnitt 38.3	to which this declaration relates is in accordance with the provision of the following manual Manual of Tests and Criteria of the United Nations Section 38.3	se référant à cette attestation correspond aux dispositions des manuels suivants Manuel des tests et critères des Nations unies la section 38.3
--	--	--

Wir erklären das der Akku vom genannten BARTEC Typ baugleich ist zum Akku vom Lieferanten	We declare that the battery of the named BARTEC type is identical in construction to the battery from the supplier	Nous déclarons que la batterie de type BARTEC est de construction identique à la batterie du fournisseur
--	---	---

Supplier name: Zebra Technologies

Sub supplier of Zebra Technologies: TWS Technology (Guangzhou) Limited or Inventus Power

Supplier Type: BT-000318-01 / BTRY-TC7X-46MPP-01 / BTRY-TC7X-46MPP-10

Bad Mergentheim, 03.02.2021

Approved

i.A. Sarah Springer
 Product Manager Enterprise Mobility

Reviewed

i.A. Ralph Lanig
 Project Manager

Type number:

- B7-A2Z0-0072

TWS Technology (Guangzhou) Limited

UN38.3 Lithium Battery Test Summary

Date: 2019-7-12

UN38.3 Lithium Battery Test Summary

Cell, Battery or Product Model Number

Item Number: BTRY-TC7X-46MPP-01, BTRY-TC7X-46MPP-10, BTRY-TC7X-46MPP-IN, BTRY-TC7X-46MPP-BR, 023.B0010.0111, 023.B0010.0121, 023.B0010.0181 / BT-000318-01

Item Name: Rechargeable Li-ion Battery

Cell, battery, or product manufacturer's contact information

Name: TWS Technology (Guangzhou) Limited

Address: No. 39 Nanyun Road, Science Park, Hi-Tech Industrial Development Zone Guangzhou, P.R. China, 510663

City: Guangzhou State: Guangdong ZIP: 510663 Country: China

Telephone: 020-22215113 E-mail: Li.Jun@tws.com Website: http://www.tws.com

Test Laboratory

Name: UL-CCIC Company Limited Guangzhou Branch

Address: Electronic Building, Parage Electronic Industrial Park, No. 8 Nanyun Er Road, Guangzhou Science Park, Guangzhou, China

City: Guangzhou State: Guangdong ZIP: 510663 Country: China

Telephone: 020-32131000 E-mail: customerservice.cn@cn.ul.com Website: http://www.ul.com

Cell or Battery Description

Cell or Battery: Battery	Physical Description (dimensions, appearance):
Cell or Battery Type: Lithium ion	T*W*L: 12.6mm*72.85mm*89.66mm, Black
Watt-hour rating or Lithium Content: 16.7Wh	
Completed Cell or Battery Weight: 127g	
Unique Test Report ID Number: UN-4787470837-A-1	Date of test report: 2016-06-20

List of Tests Completed:

Yes	No		Pass	Fail	Additional Comments (or indicate compliance with other standards, e.g., Underwriters Laboratory):
✓		Test T.1: Altitude simulation	✓		
✓		Test T.2: Thermal test	✓		
✓		Test T.3: Vibration	✓		Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3 (f) and 38.3.3 (g)).
✓		Test T.4: Shock	✓		
✓		Test T.5: External short circuit	✓		
✓		Test T.6: Impact/Crush	✓		Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any:
✓		Test T.7: Overcharge	✓		
✓		Test T.8: Forced discharge	✓		

Signature with name and title of signatory as an indication of the validity of information provided:

Laboratory Engineer
Li Jun

Date: 2019-7-12

Type number:

- B7-A2Z0-0072


Inventus Power

UN38.3 Lithium Battery Test Summary

Date: 2019-07-01

Reference Number: TS_6781_QX_R01

Lithium Ion Batteries Test Summary

LITHIUM CELL OR BATTERIES TEST SUMMARY IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CERTERIA														
BATTERY TRANSPORTION INFORMATION														
Name of cell, battery or product manufacturer, as applicable: Model Number: BT-000318 Model Name: BT-000318 Model Description: Rechargeable Li-Ion Battery Part Number: As appendix <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="font-size: small;">Mfr. Part Number (Manufacturers</th> <th style="font-size: small;">Number</th> <th style="font-size: small;">part number</th> </tr> </thead> <tbody> <tr> <td style="font-size: x-small;">03-56781-001</td> <td style="font-size: x-small;">BT-000318-01</td> <td style="font-size: x-small;">03-56781-001</td> </tr> <tr> <td style="font-size: x-small;">03-56781-002</td> <td style="font-size: x-small;">BTRY-TC7X-46MPP-01</td> <td style="font-size: x-small;">03-56781-002</td> </tr> <tr> <td style="font-size: x-small;">03-56781-003</td> <td style="font-size: x-small;">BTRY-TC7X-46MPP-10</td> <td style="font-size: x-small;">03-56781-003</td> </tr> </tbody> </table>	Mfr. Part Number (Manufacturers	Number	part number	03-56781-001	BT-000318-01	03-56781-001	03-56781-002	BTRY-TC7X-46MPP-01	03-56781-002	03-56781-003	BTRY-TC7X-46MPP-10	03-56781-003	Cell, battery or product manufacturer's contact information to include address, phone number, email address and website for more information: Inventus Power, Inc. 1200 Internationale Parkway, Woodridge IL 60517 United States +1.630.410.7900 www.inventuspower.com	
Mfr. Part Number (Manufacturers	Number	part number												
03-56781-001	BT-000318-01	03-56781-001												
03-56781-002	BTRY-TC7X-46MPP-01	03-56781-002												
03-56781-003	BTRY-TC7X-46MPP-10	03-56781-003												
Name of the test laboratory to include address, phone number, email address and website for more information: China Electronics Standardization Institute(CESI) Laboratory No.8 TongJiNanLu, YiZhuang Economic & Technological Development Area, Beijing, China (10)64102186 www.CESI.CN	A unique test report identification number S17-B0811-1	Date of the test report 2017-11-01												
Description of cell or battery to include at a minimum : Lithium ion or Lithium metal cell or battery; Mass; Watt-hour rating, or lithium content; Physical description of the cell/battery; and Model numbers. Battery used in consumer power tools Cell/battery Type : Lithium Ion Cell or Battery : Battery LC or W/h rating : 16.7Wh Cell or Battery Weight : 124 Grams	List of tests conducted and results (i.e. pass/fail): Test T.1 : Altitude Simulation : Pass Test T.2 : Thermal Test : Pass Test T.3 : Vibration : Pass Test T.4 : Shock : Pass Test T5 : External Short circuit : Pass Test T.6 : Impact/Crush : Pass Test T.7 : Overcharge : Pass Test T.8 : Forced discharge : Pass Testing additional comments:													
Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3(f) and 38.3.3(g)): Not applicable	Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any; Revision 6	For air transport only: Dose the cell or battery comply with the 30% State of Charge? Yes												
PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN – DGP)														
UN Classification: UN 3480	Proper Shipping Name: Rechargeable Lithium Ion Battery													
Signature with name and title of signatory as an indication of the validity of information provided: Andy Quan Compliance Engineering Manger 	The document remains valid as long as no changes, modifications, or additions are made to the model(s) described in this document, after being transported from a Manufacturer XYZ facility. The model(s) has (have) been classified according to the applicable transport regulations and the UN Manual of Tests are Criteria as of the date of the certification. The model(s) must be packaged, labeled, and documented according to country and other international regulations for transportation.													
Date document was generated: 2019-06-06														