

Lithium battery test summary and supplier inquiry

In accordance with sub-section 38.3 of Manual of Tests and Criteria

Description	
Name / Description of battery	41003 Bron Akku 10S1P
Name / Description of the cells inside the battery	INR1865025R8
Type of battery	Lithium ion battery
Model numbers	broncolor 10INR19/66

Manufacturer of battery	
Name	FSM AG
Address	Erich-Rieder-Straße 2, 79199 Kirchzarten, Germany
Phone	0049 7661 98550
Email	info@fsm.ag
Website	www.fsm.ag

Manufacturer of the equipment (if the battery is contained in equipment)	
Name	Bron Elektronik AG
Address	Hagmattstrasse 7, 4123 Allschwil, Switzerland
Phone	0041 61485 8585
Email	
Website	www.broncolor.swiss/de

Test laboratory of battery	
Name	Kiwa Primara GmbH
Address	Gewerbestraße 28, 87600 Kaufbeuren, Germany
Phone	0049 8341 997 26 0
Email	info@primara.net
Website	www.primara.net

Description	
Unique test report identification number	22PP503-01_0
Date of test report	2022/12/12
Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto	UN ST/SG/AC.10/11/Rev.7

Description of battery

Parameters	
Mass in gram (g)	978 g
Indicate watt-hour rating (Wh)	92,5 Wh

Physical description of battery

Solid, 233 mm x 76 mm x 40 mm

Tests and results

List of tests conducted and results	N/A	pass	fail
T1 - Altitude simulation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T2 - Thermal Test	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T3 - Vibration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T4 - Shock	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T5 - External Short Circuit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T6 - Impact - for cylindrical cells having a diameter of at least 18 mm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T6 - Crush - for prismatic cells, pouch cells, button cells and cylindrical cells having a diameter of less than 18 mm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T7 - Overcharge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T8 - Forced Discharge, only valid for cells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional supplier inquiry

Quality management system for manufacturing batteries	Yes	No
Does the manufacturer of the battery manufacture the products based on a documented quality management system according to transport regulations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Is the following parameter exceeded?	Yes	No
Lithium ion battery: more than 100 Wh	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Only in air transport: State of Charge (SoC) für UN 3480 Lithium ion batteries and lithium polymer batteries	N/A	Yes	No
State of Charge (SoC) max. 30 %	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Kirchzarten, 04.01.2023



Justine Schwenninger

Place and date of issue

Name and signature of authorized person