

# LITHIUM CELL/BATTERY TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3  
OF MANUAL OF TESTS AND CRITERIA



N/A = Not Applicable

<b>1. Name of cell / battery</b>	
Maxell ER6C Primary Li Thionyl Chloride cell; 3,6 V, 1,8 Ah (nom.)	

<b>2. Manufacturer of cell / battery / product</b>	
Name	Hitachi Maxell, Ltd., Energy Division
Address	5, Takumidai, Ono-shi, Hyogo 675-1322, Japan
Phone	81-(0)794-63-8054
Email	<a href="https://www.maxell.co.jp/inquiry/maxell/en/form_input.jsp">https://www.maxell.co.jp/inquiry/maxell/en/form_input.jsp</a>
Website	<a href="http://www.maxell.com">www.maxell.com</a>

<b>3. Test laboratory of cell / battery / product</b>	
Name	SLG Prüf- und Zertifizierungs GmbH
Address	Burgstädter Straße 22, 09232 Hartmannsdorf, Germany
Phone	+49 3722 7323-0
Email	<a href="mailto:service@slg.de.com">service@slg.de.com</a>
Website	<a href="http://www.slg.de.com">www.slg.de.com</a>

<b>4. ID-number and date</b>			
Unique test report identification number	1157-15-MM-16-PP003	Date of test report	28.01.2016

## DESCRIPTION OF CELL / BATTERY

<b>5. Mark the type of cell/battery with an "•"</b>			
<input type="radio"/>	Lithium ion cell	Lithium metal cell	<input checked="" type="radio"/>
<input type="radio"/>	Lithium ion battery	Lithium metal battery	<input type="radio"/>

<b>6. Parameters</b>	Cell	Battery
Mass in gram (g):	15	
Lithium ion: Indicate watt-hour rating (Wh):		
Lithium metal: Indicate lithium metal content in gram (g):	0,6	

<b>7. Physical description of cell / battery</b>	
Li-Thionyl Chloride/Inorganic Electrolyte cell with a rated voltage of 3,6V	



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Name of cell/battery (taken from field 1)

Maxell ER6C Primary Li  
 Thionyl Chloride cell; 3,6 V,

<b>8. Model numbers</b>
ER6C R911296949 BATTERIE 03V60- 1800- R911295648 SUP-E03-DKC*CS-BATTERY R911324240; R911346063, R911346065; R911346084 SUP-E01-MSM-BATTERYBOX

**TESTS AND RESULTS**

9. List of tests conducted and results - Mark N/A, pass or fail with an "●"	N/A	pass	fail
T1 - Altitude simulation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T2 - Thermal Test	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T3 - Vibration	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T4 - Shock	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T5 - External Short Circuit	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T6 - Impact / Crush	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T7 - Overcharge	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
T8 - Forced Discharge	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<b>10. Reference to assembled battery testing requirements</b>
N/A

<b>11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto</b>
UN Manual of Tests and Criteria, PART III, Sub-Section 38.3, Rev. 5 A2

<b>12. The manufacture of the cell / battery is in accordance with the documented quality management system as required by the regulations.</b>
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<b>13. Place, Date</b>	<b>14. Title, Surname, First name</b>	<b>15. Company stamp and signature</b>
Lohr, 20.12.2019	DfE-Coordinator: Chr. Russo Reliability Engineer: T. Witte	<b>Bosch Rexroth AG</b> Bgm.-Dr.-Nebel-Str. 2 97816 Lohr am Main Germany 

