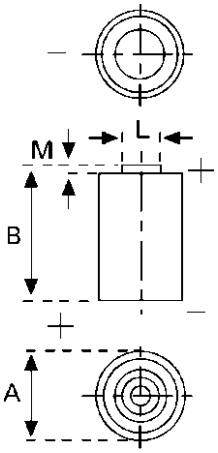
ER C

Lithium Thionyl Chloride

Data Sheet



Type Designation	ER C
Type Number	7114
Designation IEC	26500
System	Primary Li-Thionyl Chloride / Li-$SOCl_2$
UL Recognition:	MH 13654
Nominal Voltage	3.6 V
Typical Capacity C	8500 mAh
Load 4 mA, at 20°C, down to 2.0 V	
Max continuous discharge current	80 mA
to get 50% of nom. cap +20°C, down to 2.0V	
Max pulse discharge current*	180 mA
Weight (approx.)	50g
Volume	26,5 ccm
Coding	Date of Manufacturing Year / Month

Temperature Ranges	min	max.
Operating	-55°C	85°C

Dimensions	min	max.
Diameter (A)	25,3	25,9
Height (B)	49,8	50,5
Shoulder Diameter [L]	4,1	4,5
Shoulder Height [M]	2,2	2,8

Li metal content	Approx. 2.18 g

*Max. pulse current / 0.1 second pulses, drained every 2 min at +20°C from undischarged cells with 10 µA base current, yield voltage readings above 3.0 V. The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history. Fitting the cell with a capacitor may be recommended in severe conditions.

WARNING: Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C (212°F), incinerate, short circuit or expose contents to water. Keep battery out of reach of children and in original package until ready for use. Dispose of used batteries properly.

Internal resistance may rise versus time, especially in case of exposure to elevated temperature

Information and contents in this data sheet are for reference purpose only.
They do not constitute any warranty or representation and are subject to change without notice.
For most current information and further details, please contact your VARTA representative.

VARTA Microbattery GmbH, Daimlerstr. 1, D-73479 Ellwangen/Jagst
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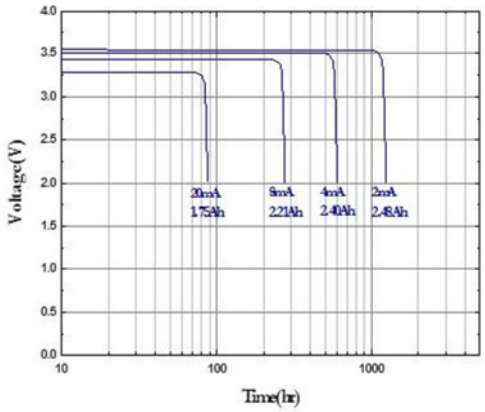
Subject to change without prior notice!
Date of issue: 2014-09-08

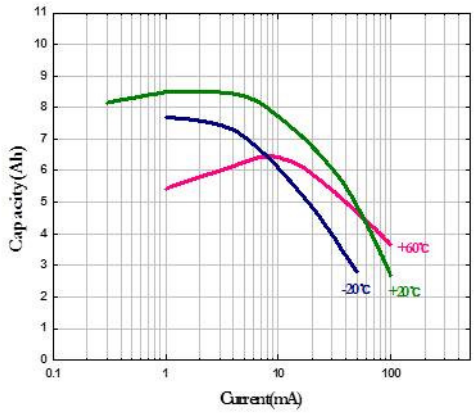
Data Sheet

Performance Data:

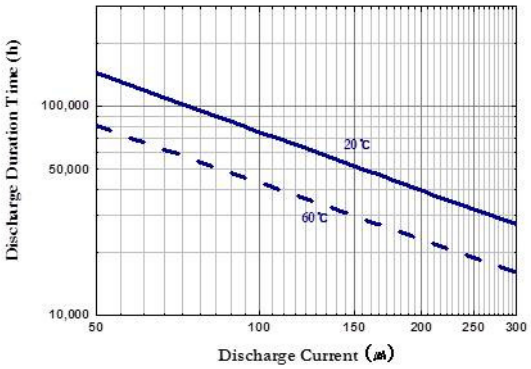
- Continuous Discharge at 20°C



- Capacity vs. Current



- Discharge Current vs. Duration Time



This data was made on basis of nominal capacity for the purpose of enabling users to forecast approximate life time. In order to calculate precise life time under various environments, we recommend you to consult VARTA Microbattery GmbH. In case where the products are improved, the specifications described herein are subject to change.

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