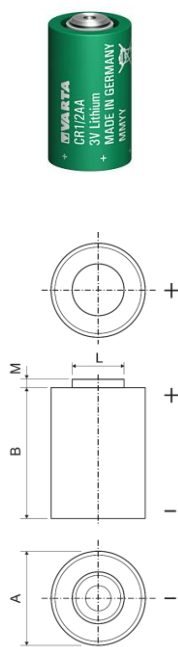


Data Sheet


Type Number	6127
Designation IEC	---
System	Li-Manganese dioxide / Organic Electrolyte
UL Recognition	MH13654 (N)
Nominal Voltage	3 V
Typical Capacity C	950 mAh
Load 5.6 kOhm, at 20°C down to 2 V	
Weight (approx.)	11,5 g
Volume	5 ccm
Coding	Date of Manufacturing Month / Year
Temperature Ranges	min max.
Storage	-55 °C 70 °C
Discharge	-30 °C 75 °C*
Dimensions	min max.
Diameter (A)	14,15 14,45
Height (B)	25,09 25,30
Shoulder Diameter[L].....	7,00
Shoulder Height [M].....	0,90

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage:	2.0 V
Continuous 24h/d,7d/w	5600 Ω	Time: 1860 h Capacity [mAh]: 950 Energy [mWh]: 2700	
Continuous 24h/d,7d/w	2000 Ω	Time: 670 h Capacity [mAh]: 930 Energy [mWh]: 2600	
Continuous 24h/d,7d/w	1000 Ω	Time: 335 h Capacity [mAh]: 900 Energy [mWh]: 2400	
Constant current	50 μA	Capacity [mAh]: 1000	

* Contact VARTA if the application is intended to be outside the range of -30°C to +75°C.

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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.

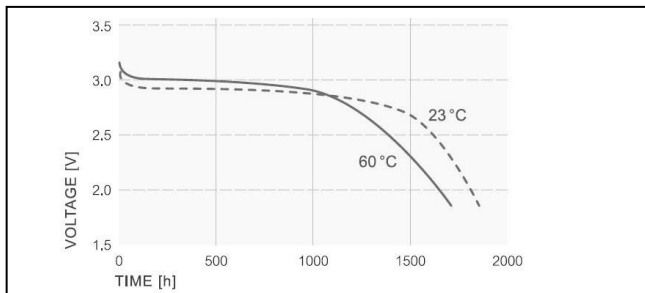
VARTA Microbattery GmbH, VARTA-Platz 1, D-73479 Ellwangen/Jagst
Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-2553

Subject to change without prior notice!
Date of issue: 2023-05-09

Data Sheet

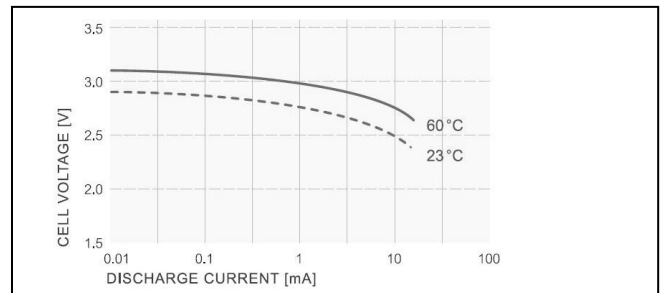
Performance Data:

- Temperature Characteristics***



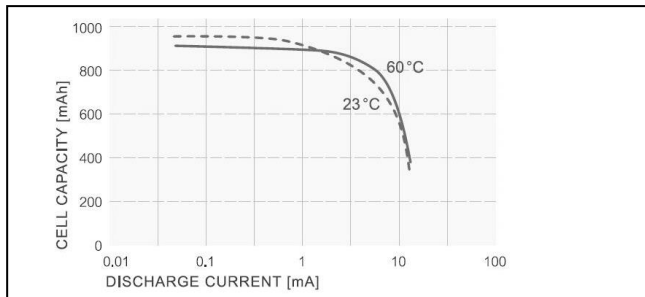
*Discharge Load 5.6 k Ω

- Operating Voltage vs. load resistance***

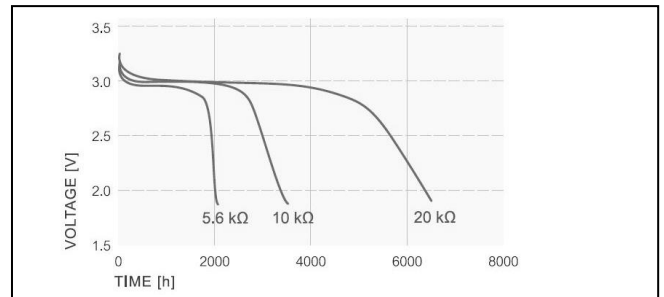


*Discharge depth 50%

- Capacity vs. load resistance**



- Discharge Characteristics***



* at room temperature 21°C

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life* > 10 years

* depending on environmental condition and energy consumption

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