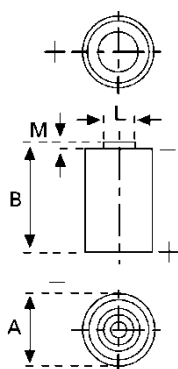


Data Sheet


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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For most current information and further details, please contact your VARTA representative.

VARTA Microbattery GmbH, Daimlerstr. 1, D-73479 Ellwangen/Jagst

Subject to change without prior notice!

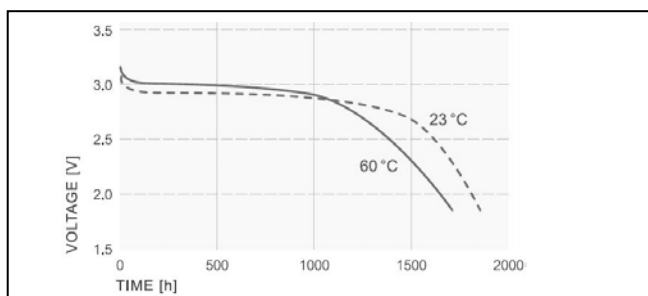
Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-553

Date of issue: 2014-09-16

Data Sheet

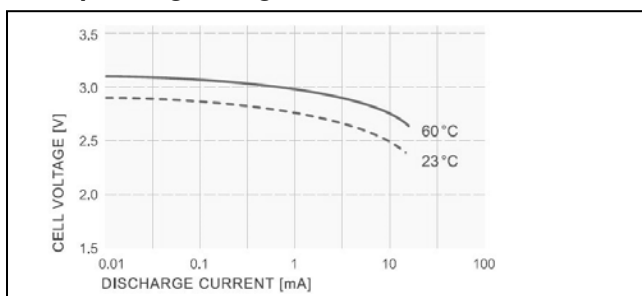
Performance Data:

- Temperature Characteristics***



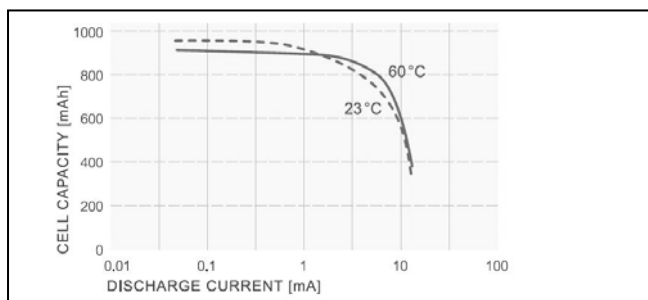
*Discharge Load 5.6 kΩ

- Operating Voltage vs. load resistance***

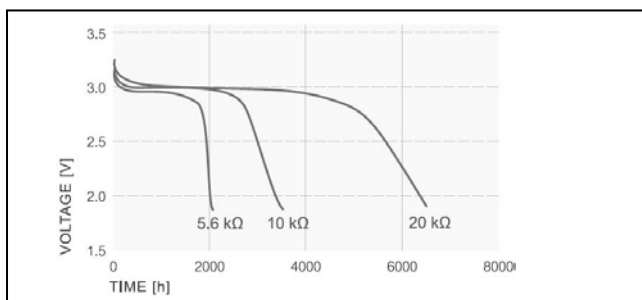


*Discharge depth 50%

- 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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