

**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

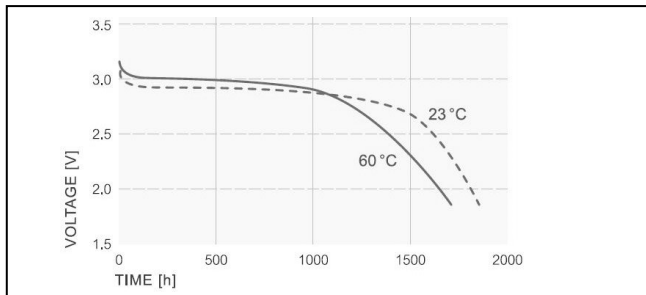
\* Contact VARTA if the application is intended to be outside the range of -30°C to +75°C.

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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.*

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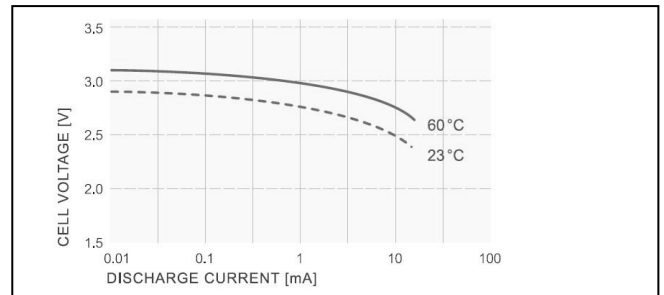
**Performance Data:**

• **Temperature Characteristics\***



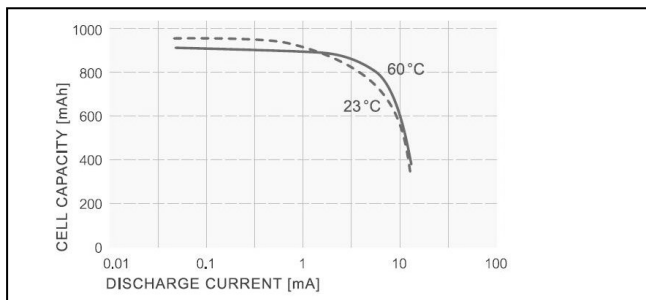
\*Discharge Load 5.6 kΩ

• **Operating Voltage vs. load resistance\***

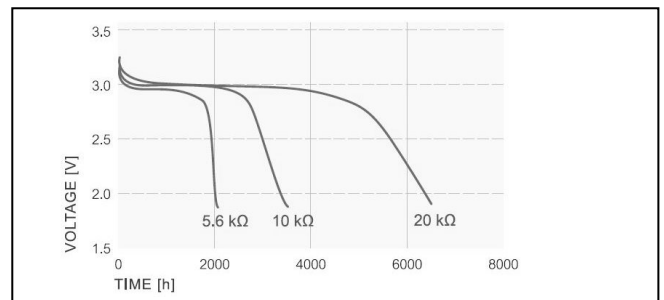


\*Discharge depth 50%

• **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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