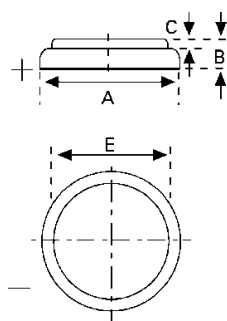


Data Sheet


Type Number 6620
Designation IEC CR 1620
System Li-Manganese dioxide / Organic Electrolyte

UL Recognition..... MH 13654 (N)
Nominal Voltage 3 V
Typical Capacity C 70 mAh
 Load 20 kOhm, at 20°C down to 2 V

Weight (approx.) 1,2 g
Volume 0,4 ccm
Coding..... Date of Manufacturing Month/Year

Temperature Ranges min max.
 Storage -55°C 70°C
 Discharge -20°C 70°C*

Dimensions min max.
 Diameter (A) 15,70 16,00
 Height (B) 1,80 2,00
 Shoulder Diameter[E]..... 12,90
 Shoulder Height [C]..... 0,20

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage:	2.0 V
Continuous 24h/d, 7d/w Current [μA]:	20000 Ω	Time: Capacity [mAh]: Energy [mWh]:	500 h 70 200

* Contact VARTA if the application is intended to be outside the range of -20°C to +70°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

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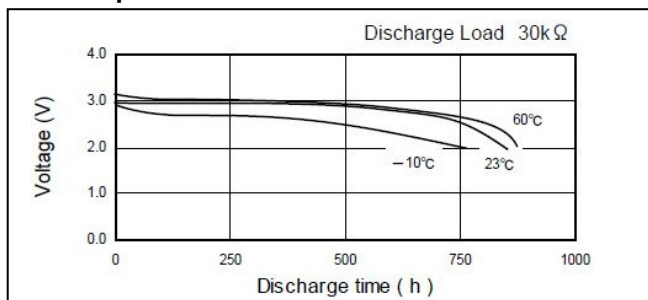
Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-553

Date of issue: 2014-09-16

Data Sheet

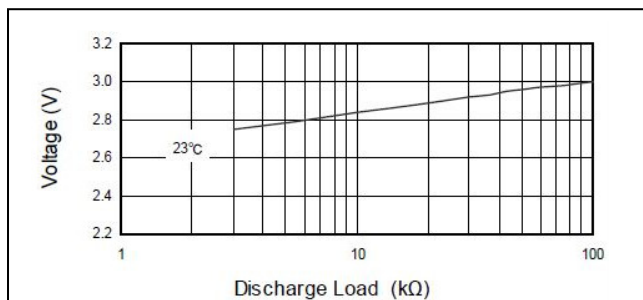
Performance Data:

- **Temperature Characteristics***



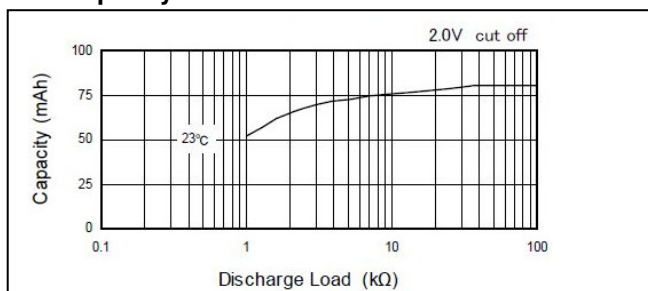
*Discharge Load 30kΩ

- **Operating Voltage vs. load resistance***

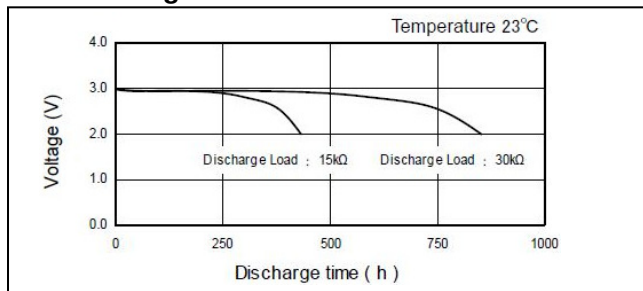


*Discharge depth 40%

- **Capacity vs. load resistance**



- **Discharge Characteristics**



- 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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