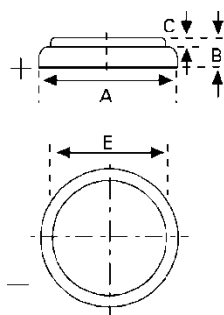


Data Sheet


Type Number 6616
Designation IEC CR 1616
System Li-Manganese dioxide / Organic Electrolyte

UL Recognition..... MH 13654 (N)
Nominal Voltage 3 V
Typical Capacity C 55 mAh
 Load 39 kOhm, at 20°C down to 2 V

Weight (approx.) 1,2 g
Volume 0,3 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)	1,40	1,60
Shoulder Diameter [E].....	12,00	
Shoulder Height [C].....	0,20	

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage:	2.0 V
Continuous	39000 Ω	Time:	670 h
24h/d, 7d/w		Capacity [mAh]:	50
Current [μA]:		Energy [mWh]:	142

* 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

Subject to change without prior notice!

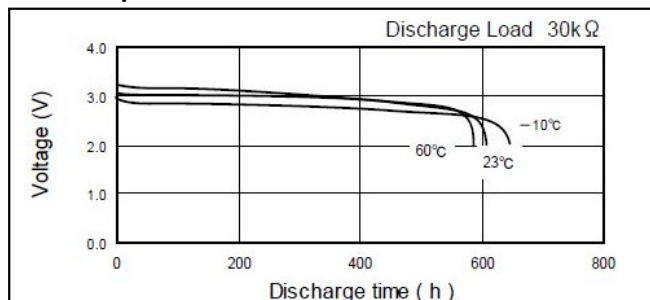
Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-553

Date of issue: 2014-09-16

Data Sheet

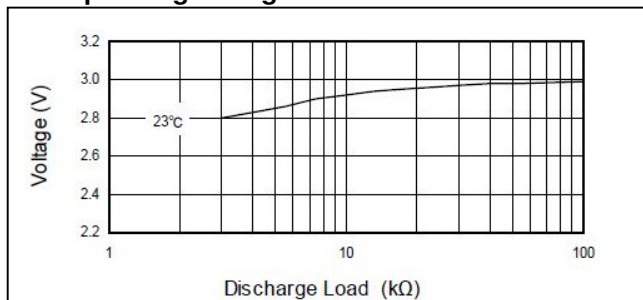
Performance Data:

• Temperature Characteristics*



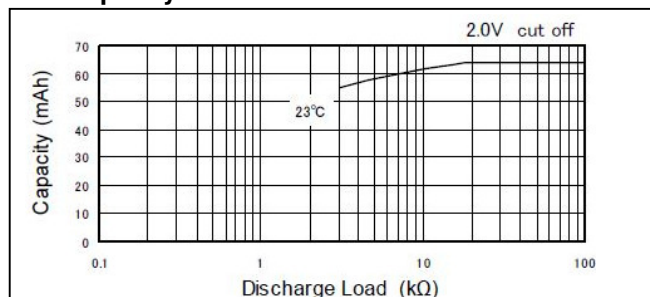
*Discharge Load 30 kΩ

• Operating Voltage vs. load resistance*

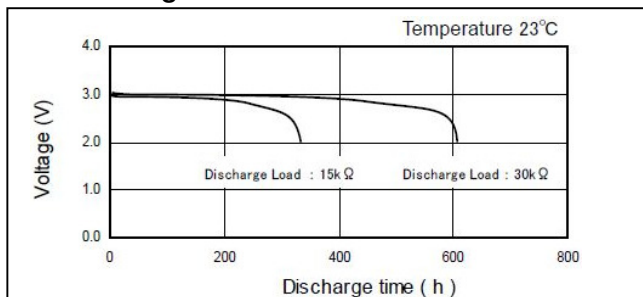


*Discharge depth 40%

• 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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