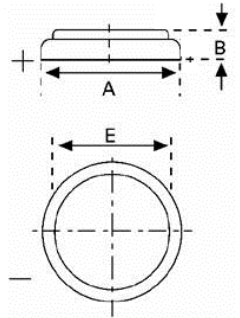


**Data Sheet**


<b>Type Number</b> .....	6032
<b>Designation IEC</b> .....	CR 2032
<b>System</b> .....	Li-Manganese dioxide / Organic Electrolyte
<b>UL Recognition</b> .....	MH 13654 (N)
<b>Nominal Voltage</b> .....	3 V
<b>Typical Capacity C</b> .....	230 mAh
Load 5.6 kOhm, at 20°C down to 2 V	
<b>Maximum Pulse Discharge</b> .....	50mA 3s **
<b>Weight (approx.)</b> .....	3 g
<b>Volume</b> .....	0,95 ccm
<b>Coding</b> .....	Date of Manufacturing Month / Year

<b>Temperature Ranges</b>	min.	max.
Storage .....	- 55°C	70°C
Discharge .....	- 40°C*	85°C*

<b>Dimensions</b>	min.	max.
Diameter (A) .....	19,70	20,00
Height (B) .....	2,90	3,20
Shoulder Diameter (E) .....	16,00	

**Typical Capacities (at 20°C)**

Discharge Type	Load	End Voltage:	2.0 V
Continuous 24h / d, 7d / w Current [ $\mu$ A]:	5600 $\Omega$	Time: Capacity [mAh]: Energy [mWh]:	460 h 230 645

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

\*\* for tracking, sensors, communication, IoT ; contact VARTA for more information and design In support

*Information and contents in this data sheet are for reference purpose only.  
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.*

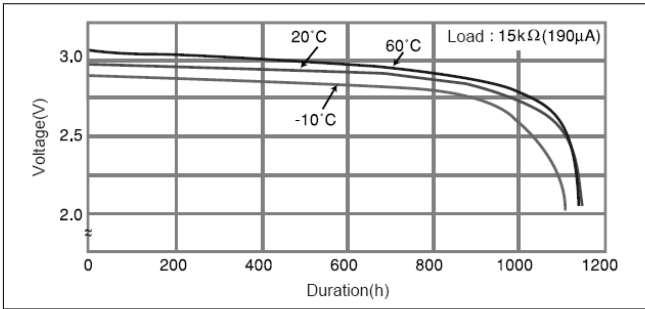
**VARTA Microbattery GmbH, VARTA-Platz 1, D-73479 Ellwangen/Jagst**  
 Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-2553  
 Date of issue: 2022-08-12

Subject to change without prior notice!

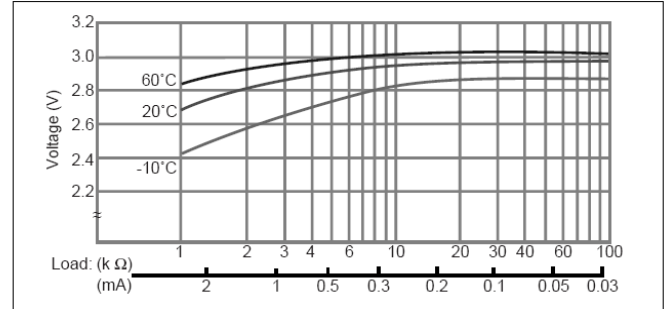
Data Sheet

Performance Data:

● Temperature Characteristics

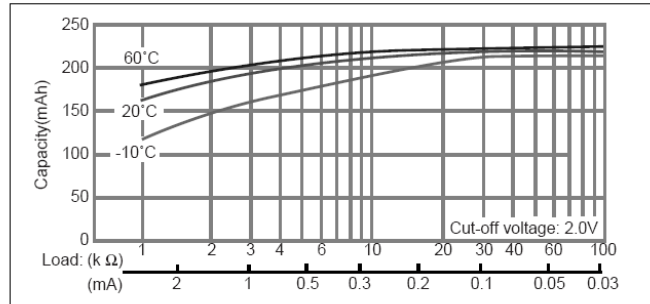


● Operating Voltage vs. load resistance \*



\* Voltage at 50% discharge depth

● Capacity vs. load resistance



- 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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