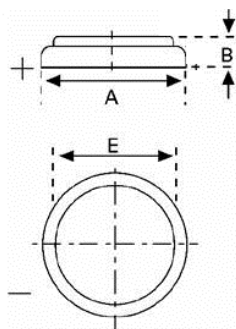


Data Sheet


Type Number 6450
Designation IEC CR 2450
System Li-Manganese dioxide / Organic Electrolyte

UL Recognition:..... MH 13654 (N)
Nominal Voltage 3 V
Typical Capacity C 620 mAh
 Load 5.6 kOhm, at 20°C down to 2 V
Maximum Pulse Discharge 50mA 3s **

Weight (approx.) 6,2 g
Volume 2,3 ccm
Coding..... Date of Manufacturing Month/Year

Temperature Ranges

	min	max.
Storage	-55°C	70°C
Discharge	-40°C	85°C*

Dimensions

	min	max.
Diameter (A)	24,20	24,70
Height (B)	4,60	5,00
Shoulder Diameter[E]	21,00	

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage:	2.0 V
Continuous 24h/d, 7d/w	5600 Ω	Time:	1250h
		Capacity [mAh]	620
		Energy m[Wh] :	1730

* 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

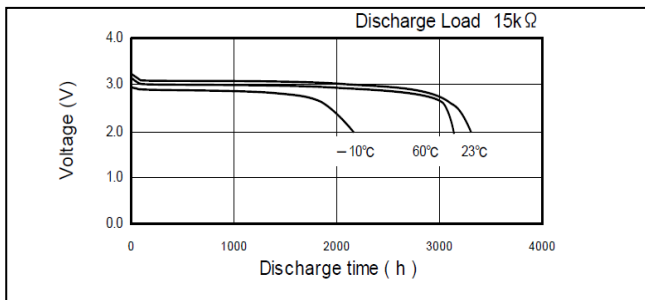
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Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-2553

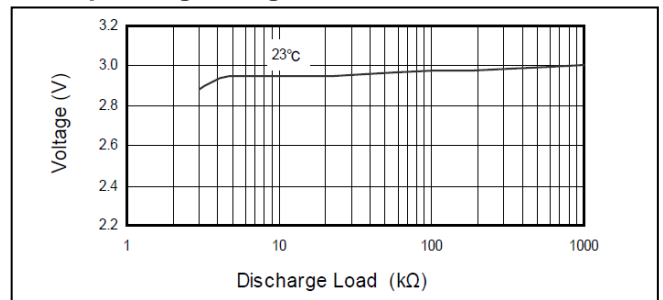
Date of issue: 2022-08-12

Data Sheet
Performance Data:

- **Temperature Characteristics***

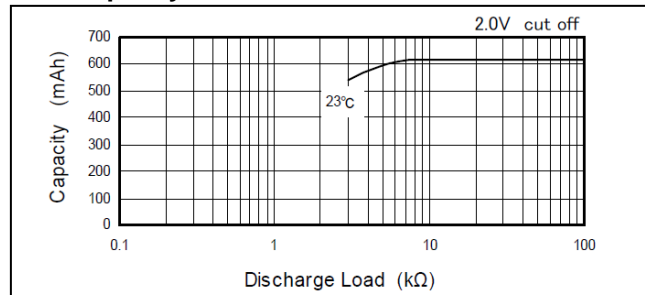


- **Operating Voltage vs. load resistance***



*Discharge depth 40%

- **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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