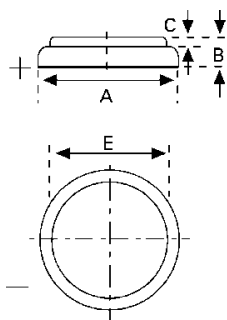


Data Sheet


Type Number 6220
Designation IEC CR 1220
System Li-Manganese dioxide / Organic Electrolyte

UL Recognition..... MH 13654 (N)
Nominal Voltage 3 V
Typical Capacity C 35 mAh
 Load 39 kOhm, at 20°C down to 2 V

Weight (approx.) 0,8 g
Volume 0,2 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)	12,20	12,50
Height (B)	1,80	2,00
Shoulder Diameter[E].....	10,00	
Shoulder Height [C].....	0,30	

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage:	2.0 V
Continuous 24h/d, 7d/w Current [μA]:	39000 Ω	Time: Capacity [mAh]: Energy [mWh]:	480 h 35 100

* 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, VARTA-Platz 1, D-73479 Ellwangen/Jagst

Subject to change without prior notice!

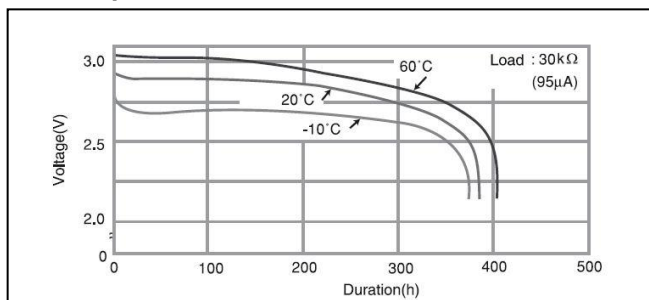
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Date of issue: 2021-11-26

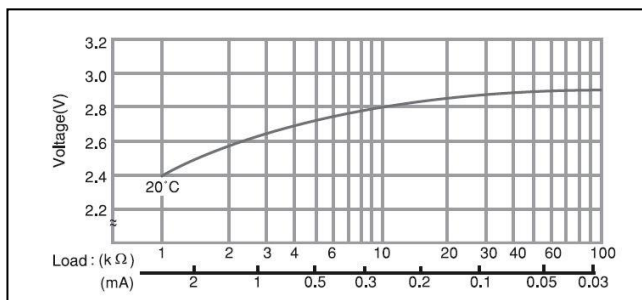
Data Sheet

Performance Data:

• Temperature Characteristics

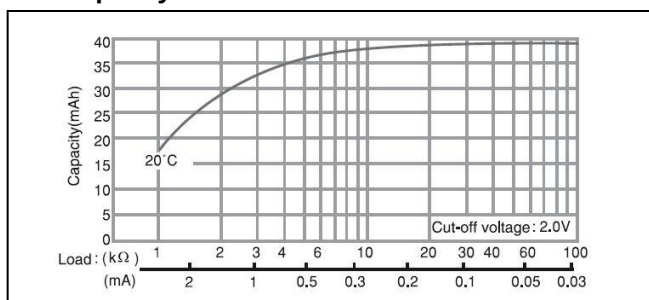


• Operating Voltage vs. load resistance*

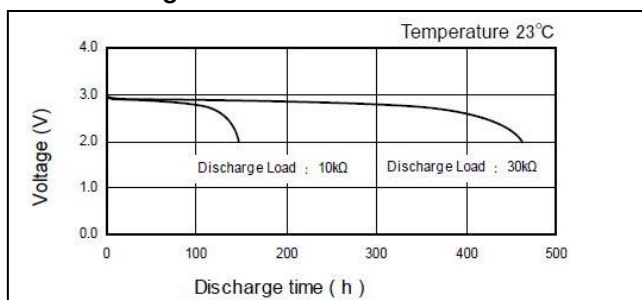


*Discharge depth 50%

• 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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