

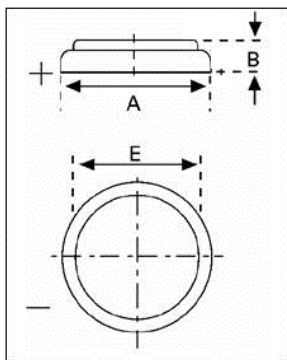


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EN: This Datasheet is presented by the manufacturer.

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Data Sheet
Preliminary Data Sheet


Type Number 6016
Designation IEC CR 2016
System Li-Manganese dioxide / Organic Electrolyte

UL Recognition:..... MH 13654
Nominal Voltage 3 V
Typical Capacity C 86 mAh
 Load 15 kOhm, at 20°C down to 2 V

Weight (approx.) 1,8 g
Volume 0,5 ccm
Coding..... Date of Manufacturing DWWY

Temperature Ranges

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

Dimensions

	min	max.
Diameter (A)	19,7	20,0
Height (B)	1,4	1,6
Shoulder Diameter[E].....	18,4	

Segment Electronic

Main Applications Watches
 Digicams
 Electronics

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage:	2.0 V
Continuous 24h/d,7d/w	15000 Ω	Time:	430 h
		Capacity [mAh]:	86
		Energy [mWh]:	241

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

All Data contained herein is for single cells

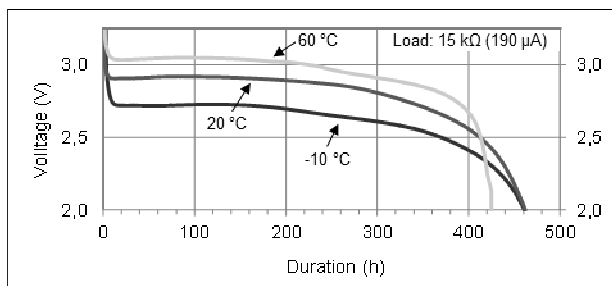
For battery applications, performance data may vary from single cell data, depending on specific battery configuration

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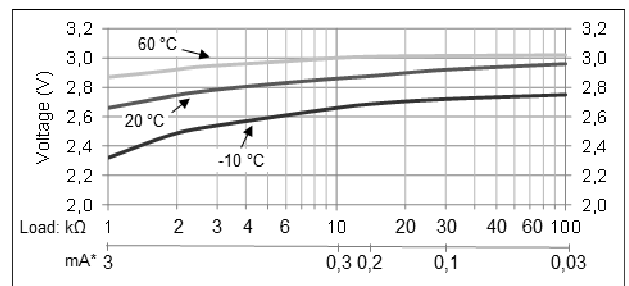
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Data Sheet
Performance Data:

- **Temperature Characteristics**

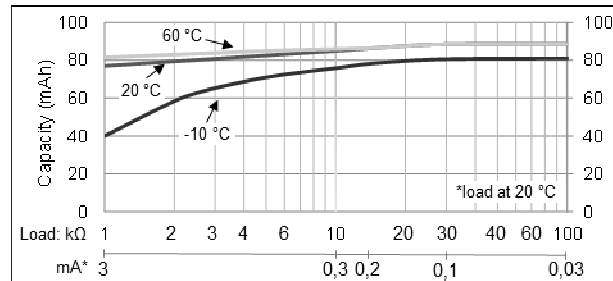


- **Operating Voltage vs. load resistance***



* 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 conditions and energy consumption

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