CR 2/3 AA
Lithium Manganese Dioxide

Data Sheet

Type Number .......................... 6237
Designation IEC ....................... ---
System ................................... Li-Manganese dioxide / Organic Electrolyte

UL Recognition ......................... MH 13654 (N)
Nominal Voltage ....................... 3 V
Typical Capacity C .................... 1350 mAh
Load 1.0 kOhm, at 20°C down to 2.0 V

Weight (approx.) ...................... 15 g
Volume ................................. 5,6 ccm
Coding .................................. Date of Manufacturing Month / Year

Temperature Ranges
Storage ................................. min -55°C max. 70°C
Discharge .............................. min -30°C max. 75°C*

Dimensions
Diameter (A) ............................ min 14,45 max. 14,75
Height (B) ................................ min 33,10 max. 33,00
Shoulder Diameter [L] ............... 7,00
Shoulder Height [M] .................. 0,60

Typical Capacities (at 20°C)

<table>
<thead>
<tr>
<th>Discharge Type</th>
<th>Load</th>
<th>End Voltage:</th>
<th>2.0 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous</td>
<td>1000 Ω</td>
<td>Time:</td>
<td>500 h</td>
</tr>
<tr>
<td>24h/d, 7d/w</td>
<td></td>
<td>Capacity [mAh]:</td>
<td>1350</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Energy [mWh]:</td>
<td>3600</td>
</tr>
</tbody>
</table>

* Contact VARTA if the application is intended to be outside the range of -30°C to +75°C.

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Performance Data:

- **Temperature Characteristics***
  ![Graph of Voltage vs. Time at different temperatures](image1)
  *Discharge Load 5.6 kΩ*

- **Operating Voltage vs. load resistance***
  ![Graph of Cell Voltage vs. Discharge Current at different temperatures](image2)
  *Discharge depth 50%*

- **Capacity vs. load resistance***
  ![Graph of Cell Capacity vs. Discharge Current at different temperatures](image3)
  * at room temperature 21°C

- **Discharge Characteristics***
  ![Graph of Voltage vs. Time at different loads and temperatures](image4)

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life* > 10 years
  * depending on environmental condition and energy consumption