CR 123A-R
Lithium Manganese Dioxide

Data Sheet

Type Number ........................................ 6205
Designation IEC ..................................... CR 17345
System ............................................... Li-Manganese dioxide /
                                           Organic Electrolyte

UL Recognition ................................. MH 13654
Nominal Voltage ............................... 3 V
Typical Capacity C ......................... 1450 mAh
Current 20 mA, at 20°C down to 2,0 V

Weight (approx.) .............................. 17 g
Volume .......................................... 7 ccm
Coding ........................................... Date of Manufacturing
                                           Month / Year

Temperature Ranges
Storage ......................................... -20°C 45°C
Discharge ....................................... -40°C 70°C*

Dimensions
Diameter (A) ................................. 16,20 16,80
Height (B) ...................................... 33,50 34,50
Shoulder Diameter [L] ................ 6,00 6,60
Shoulder Height [M] ................. 1,20 1,70

Typical Capacities (at 20°C)

<table>
<thead>
<tr>
<th>Discharge Type</th>
<th>Discharge Current</th>
<th>End Voltage: 2,0 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous 24h/d, 7d/w</td>
<td>20 mA</td>
<td>Capacity [mAh]: 1450</td>
</tr>
</tbody>
</table>

* Contact VARTA if the application is intended to be outside the range of -20°C to +60°C.

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Performance Data:

- **Temperature Characteristics**

![Temperature Characteristics Graph]

- **Pulse discharge characteristics**

![Pulse discharge characteristics Graph]

- **Discharge Characteristics**

![Discharge Characteristics Graph]

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