Nickel-Metal-Hydride (NiMH) Rechargeable 9V Battery

The VARTA 9V Block is more than a Battery – it is the world’s most consumer-friendly power pack. It is the only 9V block that combines the advantages of primary Alkaline batteries and traditional secondary NiMH systems. With its unique modern Button Cell technology, the VARTA 9V battery vastly outperforms competition in everyday use.

Consumer Friendly

- Very low self discharge and unmatched shelf life
- Only the VARTA 9V battery can be sold pre-charged and Ready4Use, without the need of initial charging
- Only the VARTA 9V battery will provide reliable power even if not used for months
- Can be re-charged more than 1000 times (IEC)

Key Features

- Overcharge capability: cost-effective charging system without the need for special components, thanks to patented GCE electrode
- Deep discharge capability: longer shelf life with high capacity retention after deep discharge
- Safety: built-in pressure vent guarantees absolute safety in case of mistreatment

Quality – Made in Germany

- Manufactured on highly automated lines
- Direct replacement for NiCd
- No memory effect
- 0% lead, 0% mercury and 0% cadmium
- UL recognition under file BBET2.MH13654

Product Overview

<table>
<thead>
<tr>
<th>Type Designation</th>
<th>Type No.</th>
<th>Voltage (V)</th>
<th>Capacity (mAh)</th>
<th>Height (mm)</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ready4Use</td>
<td>V 7/8 H</td>
<td>05122</td>
<td>8.4</td>
<td>180</td>
<td>15.7</td>
<td>48.5</td>
<td>26.6</td>
</tr>
<tr>
<td>Accu Ultra</td>
<td>V 7/8 H</td>
<td>05622</td>
<td>8.4</td>
<td>150</td>
<td>15.7</td>
<td>48.5</td>
<td>26.6</td>
</tr>
</tbody>
</table>
Comparison of Cycle Stability: 150 mAh / 180 mAh Version

Comparison of Self Discharge

Contact

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Lower initial capacity but significant longer cycle life
For highest customer satisfaction even after > 500 cycles

Higher initial capacity but significant lower performance

Ready for use in your application even after 1 year of shelf life

www.varta-microbattery.com