



|                               |                                       |
|-------------------------------|---------------------------------------|
| Type Designation              | 2020                                  |
| Designation IEC               | R20 P                                 |
| System                        | Carbon Zinc                           |
| Shelf Life (Coding)*          | 36 months                             |
| Nominal Voltage [V]           | 1.5                                   |
| Typical Capacity C [mAh]      | 6000 (discharge with high-resistance) |
| Permissible Temperature Range | - 10 °C ... 50 °C                     |
| Weight, approx. [g]           | 100                                   |
| Volume [ccm]                  | 51.3                                  |

### Typical Capacities (at 20°C)



| Discharge Type                              | Load  | End Voltage[V] | 0.9  |
|---|-------|----------------|------|
| Portable Lighting (1)<br>4m/h, 8h/d, 7d/w   | 2.2 Ω | Time [m]       | 440  |
|   |       | Capacity [Ah]  | 3.83 |
|   |       | Energy [Wh]    | 4.31 |
| Discharge Type                              | Load  | End Voltage[V] | 0.8  |
| Toys<br>1h/d, 7d/w                          | 2.2 Ω | Time [h]       | 8.0  |
|   |       | Capacity [Ah]  | 3.6  |
|   |       | Energy [Wh]    | 3.7  |
| Discharge Type                              | Load  | End Voltage[V] | 0.9  |
| Tape Recorders<br>1h/d, 7d/w                | 3.9 Ω | Time [h]       | 14.7 |
|   |       | Capacity [Ah]  | 4.18 |
|   |       | Energy [Wh]    | 4.61 |
| Discharge Type                              | Load  | End Voltage[V] | 0.9  |
| Transistor Radios<br>4h/d, 7d/w             | 10 Ω  | Time [h]       | 46.9 |
|   |       | Capacity [Ah]  | 5.38 |
|   |       | Energy [Wh]    | 6.21 |
| Discharge Type                              | Load  | End Voltage[V] | 0.9  |
| Portable Lighting (2)<br>4m/15m, 8h/d, 7d/w | 1,5 Ω | Time [min]     | 204  |
|   |       | Capacity [Ah]  | 2.49 |
|   |       | Energy [Wh]    | 2.76 |

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\* In consideration of typical loss of capacity at storage and application.