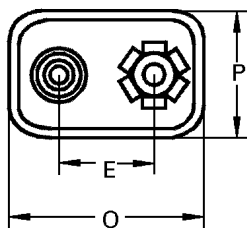


|                               |                                      |
|-------------------------------|--------------------------------------|
| Type Designation              | 4022                                 |
| Designation IEC               | 6LR61                                |
| System                        | Zn-MnO <sub>2</sub> (Alkaline)       |
| Shelf Life (Coding)*          | 5 years                              |
| Nominal Voltage [V]           | 9                                    |
| Typical Capacity C [mAh]      | 640 (discharge with high-resistance) |
| Permissible Temperature Range | - 20 °C ... 50 °C                    |
| Weight, approx. [g]           | 47                                   |
| Volume [ccm]                  | 20.8                                 |



|                 |       |       |
|-----------------|-------|-------|
| Dimensions [mm] | min:  | max:  |
| A               | 46.5  | 48.5  |
| D               | -     | 46.4  |
| E               | 12.45 | 12.95 |
| O               | 24.5  | 26.5  |
| P               | 15.5  | 17.5  |



### Typical Capacities (at 20°C)

| Discharge Type               | Load             | End Voltage[V] | 7.5  |
|------------------------------|------------------|----------------|------|
| 24H/D,7D/H –<br>1S/1H,24H/1D | 10000Ω -<br>620Ω | Time [h]       | 550  |
|                              |                  | Capacity [mAh] | 452  |
|                              |                  | Energy [mWh]   | 3762 |
| Smoke Detector               |                  |                |      |
| Discharge Type               | Load             | End Voltage[V] | 5.4  |
| 1H/D,7D/W                    | 270 Ω            | Time [h]       | 22   |
|                              |                  | Capacity [mAh] | 610  |
|                              |                  | Energy [mWh]   | 4625 |
| Toy                          |                  |                |      |
| Discharge Type               | Load             | End Voltage[V] | 5.4  |
| 2H/D,7D/W                    | 620 Ω            | Time [h]       | 53   |
|                              |                  | Capacity [mAh] | 640  |
|                              |                  | Energy [mWh]   | 4835 |
| Radio                        |                  |                |      |

**No publication or circulation of data to third parties without consent of VARTA Consumer Batteries**

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