



Type Designation	4003
Designation IEC	LR03
System	Zn-MnO <sub>2</sub> (Alkaline)
Shelf Life (Coding)*	5 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	1250 (discharge with high-resistance)
Permissible Temperature Range	- 20 °C ... 50 °C
Weight, approx. [g]	11
Volume [ccm]	3.8
Specific Energy [Wh/kg]	136

### Dimensions [mm]

	min:	max:
∅	9.5	10.5
A	-	44.5
B	43.3	-
C	4.3	-
E	-	0.5
F	-	3.8
G	0.8	-

### Typical Capacities (at 20°C):



Discharge Type	Load	End Voltage[V]	0.9
4M/H, 8H/D, 7D/W	5.1 Ω	Time [min]	260
Portable lighting		Capacity [mAh]	1015
		Energy [mWh]	1235
Discharge Type	Load	End Voltage[V]	0.8
1H/D, 7D/W	5.1 Ω	Time [h]	4,6
Toy		Capacity [mAh]	933
		Energy [mWh]	1061
Discharge Type	Load	End Voltage[V]	1.0
15S/M, 8H/D, 7D/W	24 Ω	Time [h]	21,6
Remote control		Capacity [mAh]	1149
		Energy [mWh]	1479
Discharge Type	Load	End Voltage[V]	0.9
4H/D, 7D/W	75 Ω	Time [h]	75,4
Radio		Capacity [mAh]	1252
		Energy [mWh]	1615

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