



Designation IEC
System

LR03
Zn-MnO₂ (Alkaline)

Shelf Life (Coding)*

10 years

Nominal Voltage [V]

1.5

Typical Capacity C [mAh]

Permissible Temperature Range

1260 (discharge with high-resistance)

Weight, approx. [g]

- 20 °C ... 50 °C

Volume [ccm]

11,4

Specific Energy [Wh/kg]

3.8

136

Dimensions [mm]

	min:	max:
Ø	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]	264
Portable lighting		Capacity [mAh]	1022
		Energy [mWh]	1222
Discharge Type	Load	End Voltage[V]	0.8
1H/D, 7D/W	5.1 Ω	Time [min]	284
Toy		Capacity [mAh]	1024
		Energy [mWh]	1142
Discharge Type	Load	End Voltage[V]	0.9
4H/D, 7D/W	75 Ω	Time [h]	73,4
Radio		Capacity [mAh]	1225
		Energy [mWh]	1546

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