



Type Designation	4103
Designation IEC	LR03
System	Zn-MnO ₂ (Alkaline)
Shelf Life (Coding)*	5 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	1150 (discharge with high-resistance)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	11
Volume [ccm]	3.5

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]	241
Portable lighting		Capacity [mAh]	921
		Energy [mWh]	1087
Discharge Type	Load	End Voltage[V]	0.8
1H/D, 7D/W	5.1 Ω	Time [min]	232
Toy		Capacity [mAh]	851
		Energy [mWh]	964
Discharge Type	Load	End Voltage[V]	1.0
15S/M, 8H/D, 7D/W	24 Ω	Time [h]	19,8
Remote control		Capacity [mAh]	1041
		Energy [mWh]	1330
Discharge Type	Load	End Voltage[V]	0.9
4H/D, 7D/W	75 Ω	Time [h]	69,5
Radio		Capacity [mAh]	1132
		Energy [mWh]	1441

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