



Type Designation	4003
Designation IEC	LR03
System	Zn-MnO ₂ (Alkaline)
Shelf Life (Coding)*	10 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	1270 (discharge with high-resistance)
Permissible Temperature Range	- 20 °C ... 50 °C
Weight, approx. [g]	11,4
Volume [ccm]	3.8
Specific Energy [Wh/kg]	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
1H/12H, 7D/W	50 mA	Time [h]	22,8
Digital audio		Capacity [mAh]	1142
		Energy [mWh]	1417
Discharge Type	Load	End Voltage[V]	0.9
4M/H, 8H/D, 7D/W	5,1 Ω	Time [min]	263
Portable lighting		Capacity [mAh]	1002
		Energy [mWh]	1180
Discharge Type	Load	End Voltage[V]	0.8
1H/D 7D/W	5,1 Ω	Time [min]	285
Toy		Capacity [mAh]	1027
		Energy [mWh]	1180

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