



Type Designation	4003
Designation IEC	LR03
System	Zn-MnO ₂ (Alkaline)
Shelf Life (Coding)*	5 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	1240 (discharge with high-resistance)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	11
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]	1.0	0.9
4M/H, 8H/D, 7D/W Portable lighting	5.1 Ω	Time [min]	217	252
		Capacity [mAh]	867	982
		Energy [mWh]	1062	1180
Discharge Type	Load	End Voltage[V]	1.0	0.9
1H/D, 7D/W Personal cassette player and tape recorder	10 Ω	Time [h]	8,10	9,11
		Capacity [mAh]	983	1080
		Energy [mWh]	1200	1293
Discharge Type	Load	End Voltage[V]	1.1	1.0
15S/M, 8H/D, 7D/W Remote control	24 Ω	Time [h]	18.71	21.17
		Capacity [mAh]	1010	1121
		Energy [mWh]	1316	1435
Discharge Type	Load	End Voltage[V]	1.0	0.9
4H/D, 7D/W Radio	75 Ω	Time [h]	70.22	74.89
		Capacity [mAh]	1193	1252
		Energy [mWh]	1533	1590

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.