



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:
∅	9.8	10.5	
A	-	44.5	
B	43.5	-	
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]	23,1
Digital audio		Capacity [mAh]	1162
		Energy [mWh]	1445
Discharge Type	Load	End Voltage[V]	0.9
4M/H, 8H/D, 7D/W	5,1 Ω	Time [min]	265
Portable lighting		Capacity [mAh]	1040
		Energy [mWh]	1210
Discharge Type	Load	End Voltage[V]	0.8
1H/D 7D/W	5,1 Ω	Time [min]	289
Toy		Capacity [mAh]	1040
		Energy [mWh]	1190

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.