



Type Designation	2003
Designation IEC	R03 P
System	Carbon Zinc
Shelf Life (Coding)*	36 months
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	500 (discharge with high-resistance)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	7,6
Volume [ccm]	3.8

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]	1.0
15S/M,8H/D,7D/W	24 Ω	Time [h]	8,6
Remote control		Capacity [mAh]	452
		Energy [mWh]	576
Discharge Type	Load	End Voltage[V]	0.9
4M/H, 8H/D, 7D/W	5.1 Ω	Time [min]	96
Portable Lighting		Capacity [mAh]	355
		Energy [mWh]	404
Discharge Type	Load	End Voltage[V]	0.9
1H/D, 7D/W	10 Ω	Time [h]	3.3
Personal Cassette Players /		Capacity [mAh]	379
		Energy [mWh]	436
Discharge Type	Load	End Voltage[V]	0.9
4H/D, 7D/W	75 Ω	Time [h]	29
Transistor Radios		Capacity [mAh]	494
		Energy [mWh]	638

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.