



Type Designation	4120
Designation IEC	LR20
System	Zn-MnO ₂ (Alkaline)
Shelf Life (Coding)*	10 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	16000 (discharge with high-resistance)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	135,1
Volume [ccm]	51

Dimensions [mm]

	min:	max:
Ø	32.3	34.2
A	-	61.5
B	59.5	-
C	18.0	-
E	-	1.0
F	-	9.5
G	1.5	-

Typical Capacities (at 20°C)



Discharge Type	Load	End Voltage[V]	0.9
4M/15M,8H/D,7D/W	2.2 Ω	Time [h]	25,0
Portable Lighting		Capacity [Ah]	12,87
		Energy [Wh]	14,65
		0.8	
1H/D,7DW	2.2 Ω	Time [h]	28,8
Toy		Capacity [Ah]	13,7
		Energy [Wh]	14,7
		0.9	
2H/D,7DW	600 mA	Time [h]	15,84
Portable Stereo		Capacity [Ah]	9,4
		Energy [Wh]	10,19

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.