



Type Designation	4020
Designation IEC	LR20
System	Zn-MnO <sub>2</sub> (Alkaline)
Shelf Life (Coding)*	10 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	17000 (discharge with high-resistance)
Permissible Temperature Range	- 20 °C ... 60 °C
Weight, approx. [g]	140,4
Volume [ccm]	51.3

Dimensions [mm]	min:	max:
∅	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]	<b>0.9</b>
4M/15M,8H/D,7D/W	2.2 Ω	Time [h]	27,1
Portable lighting		Capacity [Ah]	14,1
		Energy [Wh]	16,3
Discharge Type	Load	End Voltage[V]	<b>0.8</b>
1H/D,7D/W	2.2 Ω	Time [h]	29,7
Toy		Capacity [Ah]	14,7
		Energy [Wh]	16,2
Discharge Type	Load	End Voltage[V]	<b>0.9</b>
2H/D,7D/W	600 mA	Time [h]	18,8
Portable Stereo		Capacity [Ah]	11,3
		Energy [Wh]	12,5

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