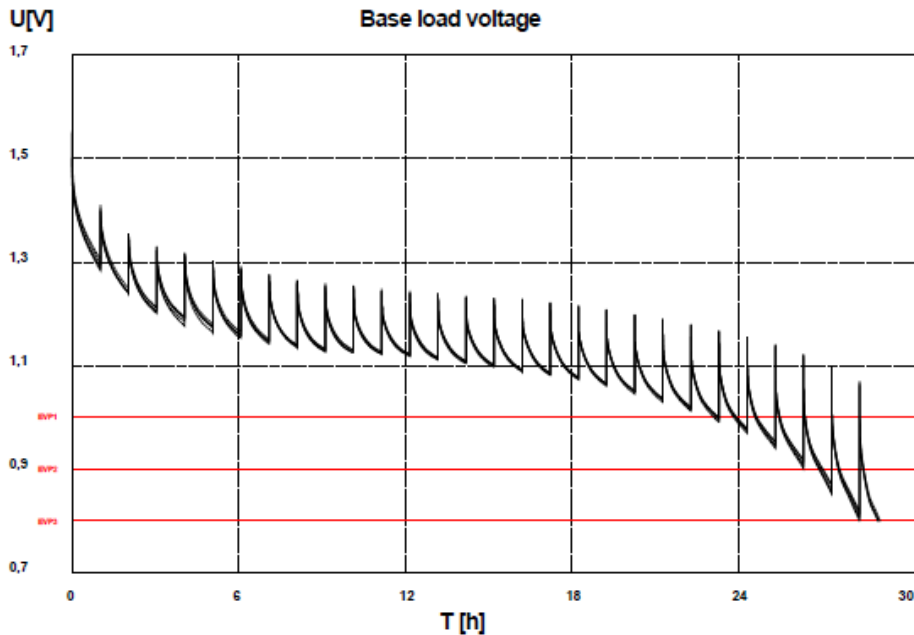


Type Designation 4020
 Designation IEC LR20
 System Zn-MnO₂ (Alkaline)
 Shelf Life (Coding)* 10 years
 Nominal Voltage [V] 1.5
 Typical Capacity C [mAh] 17000 (discharge with high-resistance)
 Permissible Temperature Range - 20 °C ... 60 °C
 Weight, approx. [g] 140,4
 Volume [ccm] 51.3

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	-

Discharge condition base load		1H/D 7D/W 2.2 Ohm				20 ±2°C		60 %			
Pulse load:											
End voltages:											
No.	OCV	CCV	t (h)	1.0 V		0.9 V		0.8 V			
				Q(maH)	A(mWH)	t(h)	Q(maH)	A(mWH)	t(h)		
E45-01	1,621	1,464	23,0	12043	13953	26,7	13699	15584	28,7	14514	16928
E45-02	1,621	1,486	23,0	12067	14006	26,7	13721	15633	28,7	14505	16318
E45-03	1,621	1,459	22,9	12025	13943	26,6	13651	15540	28,6	14212	16030
E45-04	1,622	1,477	22,9	12047	14005	26,6	13702	15630	28,7	14511	16337
E45-05	1,622	1,484	22,8	11990	13928	26,5	13650	15553	28,6	14476	16272
MW	1,621	1,474	22,9	12035	13967	26,6	13684	15588	28,5	14444	16251
S	0,001	0,012	0,1	29	36	0,1	32	43	0,3	130	126



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