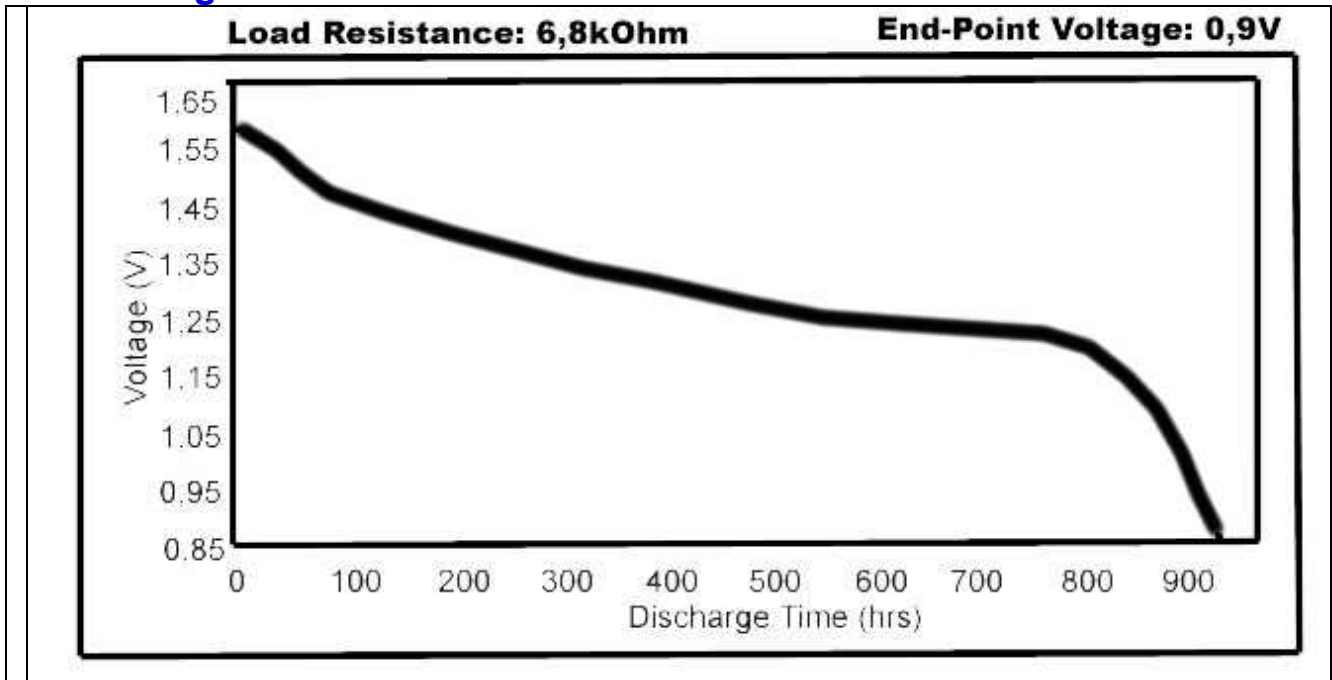


- 1. SCOPE:** This specification applies to the following button cell LR44 (A76, RW82, V13GA, L1154)
- 2. Chemical System:** Zinc-Manganese Dioxide (Potassium Hydroxide Electrolyte)
- 3. Nominal Voltage:** 1,50V
- 4. Standard Capacity:** 140 mAh (continuously discharge at 20°C under 6,8 kΩ load to an End-Point Voltage 0,9V)
- 5. Approximate Weight:** 1,95 g
- 6. Dimensions:** d=11,5 mm high: 5,4 mm
- 7. Terminal Materials:** Negative: Ni plated/Fe/Cu plated or gold plated steel
Positiv: Ni plated steel
- 8. Characteristics:** are shown in the following table

TABLE

Item	Storage	Characteristics	CONDITIONS
8.1 Electric Characteristics			
Open-Circuit Voltage	Initial	1.530 V or higher	DC Voltmeter : The tolerance is +0,005V and the input resistance is 1MΩ or more.
	After 12 months	1.500 V or higher	
Closed-Circuit Voltage	Initial	1.520 V or higher	DC Voltmeter : Same as above Load Resistance: 6,8 kΩ, 0.8Sec.
	After 12 months	1.490 V or higher	
8.2 Service Output			
Service Life 6,8 kΩ Continuous Discharge	Initial	910 hrs or longer	Discharge resistance: 6,8 kΩ End-Point Voltage: 0,9V
	After 12 months	860 hrs or longer	
8.3 Electrolyte Leakage Proof Characteristics			
Electrolyte leakage on overdischarge	There are no bulging or deformtions of cells in excess of maximun dimensions by 0,2mm or more. There are no visible electrolyte leakage.		Temperature: 20+-2°C Humidity: 65+-20 %RH Load Resistance: 6,8 kΩ Overdischarge Time: 48 hrs

9. Discharge Curve



10. Marking on Produkt:

1. Battery Type: LR 44
2. Polarity: "+" at the bottom

11. Characteristics:

are shown in the following table

12. Suggestions and cautions

1. Install batteries correctly.
2. Ensure the contact points to be clean and conductive.
3. Do not mix different types, different brands batteries to serve together.
4. Do not heat, recharge the batteries.
5. Do not dispose of the batteries in fire.
6. Keep away from the small children, if swallowed promptly see doctor.
7. Pay attention to the producing date.