

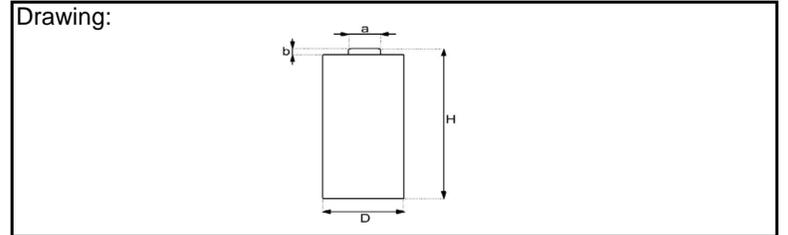
Alkaline Battery

Type Designation ANSI:	AAA	
Designation IEC:	LR 03	
System:	Electrolyte-zinc-manganese dioxide (mercury & cadmium free)	
Nominal Voltage (V):	1.5	
Typical Capacity (mAh):	1,200	
Operating Temperature (°C):	-20 to +54	
Storage Temperature (°C):	-20 to +35	
Dimensions (mm):	min.	max.
H Height (mm):	43.3	44.5
D Diameter Ø (mm):	9.5	10.5
Weight (g):	≤	11.2
Storing temperature (°C):	20±2	
Storing Humidity (%):	60±5	

Figure:



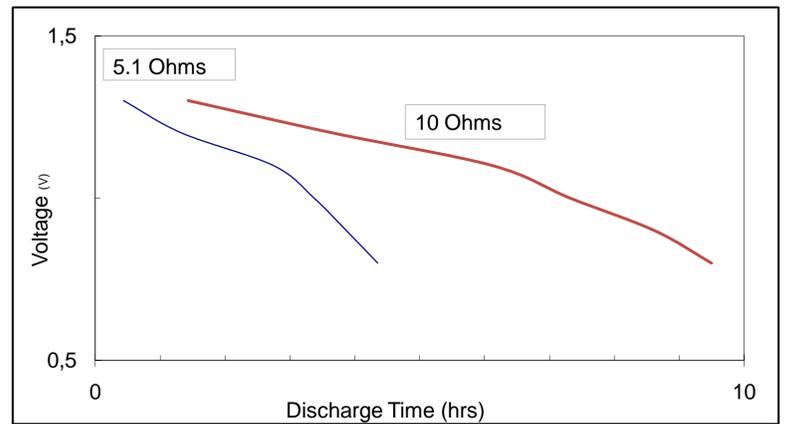
Drawing:



Discharge Characteristics

Discharge test (service life) (Test environment: 20°C±2,45%--75%R.H)

Load	5.1Ω	10Ω	600mA
Daily Period	4min/h,8h/day	1h/day	10s/min, 1h/d
Cut off Voltage	0.9V	0.9V	0.9V
Initial	235min	500min	410times
Application	torch	Tape recorder	Camera flash light



Test environment: 20°C±2,60%±15%R.H, Load resistance: 3.9 ohms, Measure time: 0.3s

	OCV (V)	CCV (V)	SCC (A)
Initial	≥1.59	≥1.45	≥8
After 12 months storage	≥1.57	≥1.42	≥6

Remark: OCV: Open Circuit Voltage; CCV: Close Circuit Voltage; SCC: Short Circuit Current

Heavy Metal content (%):

Material	Mercury	Cadmium	Lead
Content	≤1ppm	≤10ppm	≤40ppm

Safety Instructions

- ▶ Keep batteries safely away from children!
- ▶ Do not charge, short-circuit, stab, deform, or otherwise damage batteries!
- ▶ Do not heat up batteries or expose them to fire or temperatures in excess of 85°C!
- ▶ Never disassemble and do not mix batteries with other battery types!
- ▶ Never expose batteries to water!
- ▶ Avoid short-circuiting the battery terminals!
- ▶ Store batteries in cool and dry ambiances lower than 30°C at a constant temperature.
- ▶ Avoid placing or storing batteries next to heaters and avoid direct sun light.
- ▶ There's a risk of bursting if heated up in excess of 100°C or by overcharging them.
- ▶ According to IATA Regulations, tecxus™ batteries are not considered dangerous goods.
- ▶ Remove batteries when not in use for longer periods.
- ▶ The safety regulation IEC 60086-5 contains additional recommendations for producers and users.

Delivered capacity is dependent on the applied load, operating and cut-off voltage. Referring to the charts and discharge data shown for examples of the energy / service life that the battery will provide for various load conditions.