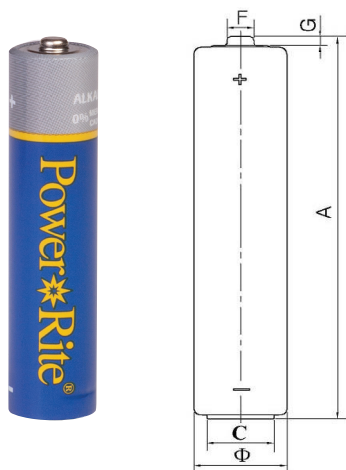


POWER RITE® PRBAAA AAA ALKALINE BATTERY



Type Designation:	ANSI-24A , IEC-LR03
Chemical System:	(-) Zn KOH-H ₂ O MnO ₂ (+) Mercury, cadmium, and lead are not added in the battery.
Nominal Voltage:	1.5V
Weight:	Approximate 11.2g
Nominal Capacity:	Approximate 1240mAh (20±2°C, 75Ω-4h/d, e.v.=0.9V)
Jacket:	Foil Label
Dimension (mm):	

/	MAX		MIN	
	mm	in	mm	in
Φ	10.4	0.409	10.1	0.398
A	44.4	1.750	43.9	1.728
C	/	/	6.0	0.236
F	3.6	0.142	/	/
G	/	/	1.0	0.039

Notes:

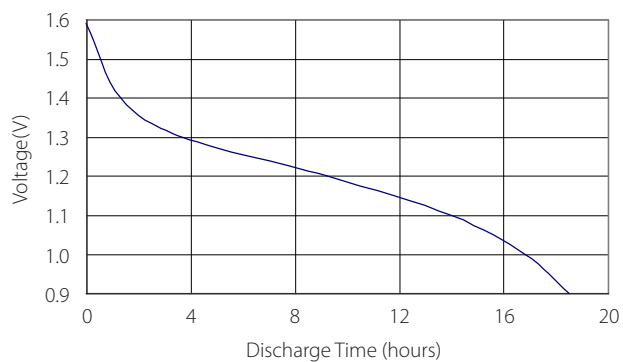
- Store in cool, dry place before use
- It is recommended that the storage temperature be lower than 30°C (86°F)
- Do not keep batteries at relative humidity of 65% or above for long time
- Up to 10-year shelf life from date of manufacture (under proper storage cond.)

Electrical Characteristics:

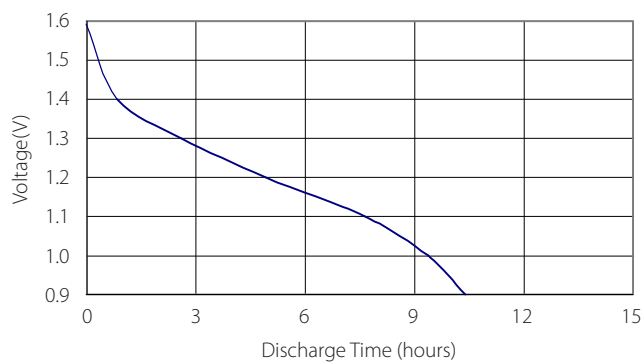
Unless otherwise stated, all measurements are to be performed at a Standard Environment of 20±2°C (64.4-71.6°F), 60±15%R.H.

Discharge Condition			IEC60086-2: 2011 Standard	Discharge Time			
Load	Test Mode	End Voltage		Initial		After 1 year at 20±2°C	
				MAD	Normal	MAD	Normal
75Ω	4h/d	0.9V	44h	72h	74h	69.5h	72h
5.1Ω	4m/h, 8h/d	0.9V	130m	230m	245m	215h	230m
100mA	1h/d	0.9V	7h	9.5h	10.1h	8.8h	9.3h
600mA	10s/m, 1h/d	0.9V	170p	330p	360p	290p	320p
24Ω	15s/m-8h/d	1.0V	14.5h	19h	20.5h	18.3h	19.7h
5.1Ω	1h/d	0.8V	2h	3.7m	4h	3.4h	3.7h
20Ω reference	24h/d	0.9V	/	17.5h	18h	16.5h	17h
Remarks	• MAD - Minimum Average Discharge m-minute h-hour d-day p-pulses • Actual performance for each lot may be slightly different from normal performance.						

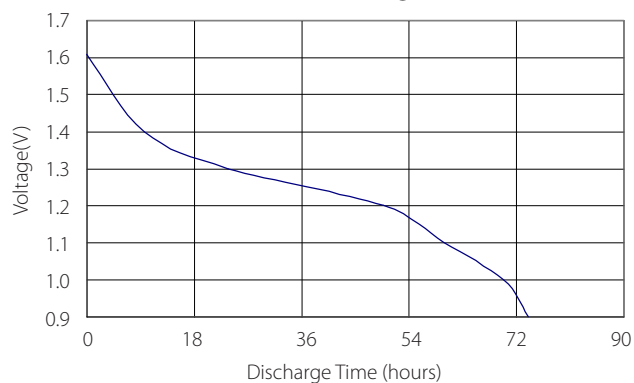
20 Ω Continuous Discharge Curve



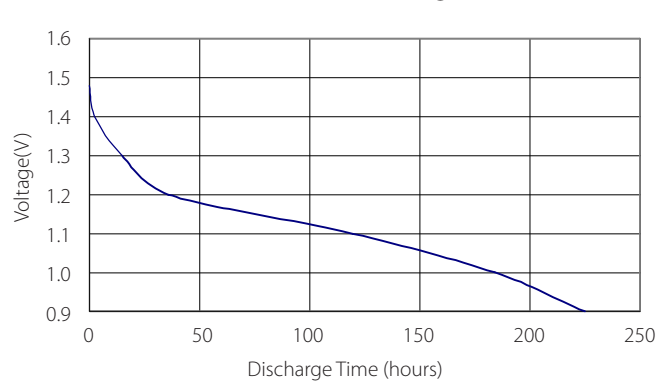
100mA 1h/d Discharge Curve



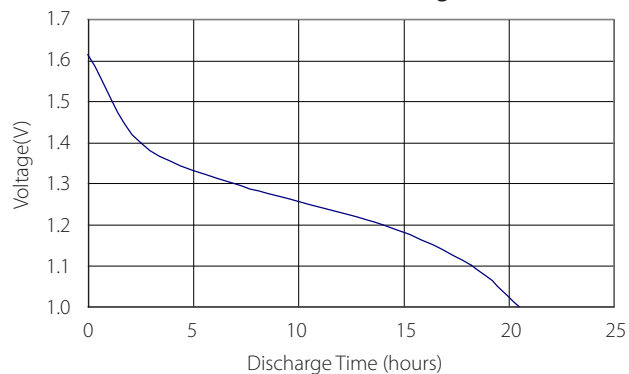
75 Ω 4h/d Discharge Curve



5.1 Ω 4m/h-8h/d Discharge Curve



24 Ω 15s/m-8h/d Discharge Curve



600mA 10s/m, 1h/d Discharge Curve

