

AA Batteries Tested in a Flashlight

Energizer Brand AA Batteries

Battery #	#3	#4		#19	#20		#31	#32		
Time (hour)	Voltage	Voltage	Flashlight dead?	Voltage	Voltage	Flashlight dead?	Voltage	Voltage	Flashlight dead?	Average Voltage
0.0	1.605	1.610		1.607	1.609		1.604	1.605		1.607
0.5				1.396	1.402		1.400	1.412		1.403
1.0	1.356	1.363		1.343	1.351		1.354	1.360		1.355
1.5				1.307	1.314		1.318	1.327		1.317
2.0	1.295	1.295		1.280	1.288		1.304	1.311		1.296
2.5	1.273	1.280		1.267	1.284		1.268	1.278		1.275
3.0	1.260	1.265		1.255	1.262		1.261	1.267		1.262
3.5	1.249	1.256		1.245	1.247		1.247	1.252		1.249
4.0				1.226	1.232		1.230	1.238		1.232
4.5	1.221	1.226		1.206	1.216		1.212	1.224		1.218
5.0				1.197	1.204		1.196	1.210		1.202
5.5	1.160	1.186		1.170	1.178		1.177	1.190		1.177
6.0				1.128	1.150		1.174	1.184		1.159
6.5	1.108	1.135		1.085	1.117		1.132	1.144		1.120
7.0	0.630	1.120	Yes	1.012	1.063		1.125	1.137		1.015
7.5				0.515	0.586	Yes	1.063	1.095		0.815
8.0							0.609	0.900	Yes	0.755

Time (the independent variable) is on the x-axis of the graph.
 Voltage (the dependent variable) is on the y-axis of the graph.

