







## The Great AA Battery Test by Gough Lui - November/December 2016

**Test Conditions:** BK Precision 8600 Electronic Load at Constant Power 0.48W, Temperature 21°C, Battery Test Software - Sequence Test with CSV log.

Prices are current retail or at time of purchase. Prices vary significantly depending on source and is only indicative. Yellow lines indicate "reference" results, red lines indicate expired batteries.



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**Notes:** (1) Expired Battery, (2) Carbon-Zinc/Zinc-Chloride Battery, (3) Ni-MH Rechargeable Battery, (4) First Cycle with 24h Dwell, (5) Subsequent Cycle Fresh from Charger, (6) Visible Leakage

Nr.	Brand	Part Number	UPC/EAN	Supplier	Cat Nr.	\$	pcs	\$/cell	Batch	Expiry	Made in	g	OCV	mAh	h	m	s	mWh	NB
163	Duracell Ultra with Powercheck	96832982	5000394003682	Priceline	N/A	6.79	4	1.698	53317803 11/2015   5330780303	MAR 2024	China	25.74	1.622	1722.2	4	03	04	1940.0	
164	Duracell Coppertop Duralock	97497193	041333415017	Coles	N/A	5.50	4	1.375	60467803 02/2016   6033780302	MAR 2025	China	23.71	1.614	1348.0	3	07	25	1495.5	
165	Duracell Coppertop Duralock	97497193	041333415017	Coles	N/A	5.50	4	1.375	60467803 02/2016   6033780302	MAR 2025	China	23.88	1.614	1387.6	3	12	51	1538.9	
166	Duracell Coppertop Duralock	97497193	041333415017	Coles	N/A	5.50	4	1.375	60467803 02/2016   6033780302	MAR 2025	China	23.77	1.614	1367.6	3	10	59	1524.1	
167	Duracell Coppertop Duralock	97497193	041333415017	Coles	N/A	5.50	4	1.375	60467803 02/2016   6033780302	MAR 2025	China	23.87	1.614	1385.4	3	12	18	1534.5	
168	Duracell Coppertop Duralock (US)	92147383	041333415017	Variety Shop	N/A	5.50	4	1.375	4335780302	DEC 2023	China	23.83	1.615	1315.7	3	01	04	1444.8	
169	Duracell Coppertop Duralock (US)	92147383	041333415017	Variety Shop	N/A	5.50	4	1.375	4335780302	DEC 2023	China	23.75	1.616	1389.1	3	12	30	1536.3	
170	Duracell Coppertop Duralock (US)	92147383	041333415017	Variety Shop	N/A	5.50	4	1.375	4335780302	DEC 2023	China	24.01	1.615	1383.7	3	12	51	1538.9	
171	Duracell Coppertop Duralock (US)	92147383	041333415017	Variety Shop	N/A	5.50	4	1.375	4335780302	DEC 2023	China	23.82	1.617	1389.3	3	12	32	1536.6	
172	Duracell Coppertop Duralock (TW)	96867585	5000394066120	Variety Shop	N/A	5.50	4	1.375	60047803   6003780302	MAR 2024	China	23.89	1.611	1364.9	3	05	53	1483.5	
173	Duracell Coppertop Duralock (TW)	96867585	5000394066120	Variety Shop	N/A	5.50	4	1.375	60047803   6003780302	MAR 2024	China	23.89	1.611	1353.3	3	02	00	1452.7	
174	Duracell Coppertop Duralock (TW)	96867585	5000394066120	Variety Shop	N/A	5.50	4	1.375	60047803   6003780302	MAR 2024	China	23.94	1.611	1372.1	3	06	49	1490.4	
175	Duracell Coppertop Duralock (TW)	96867585	5000394066120	Variety Shop	N/A	5.50	4	1.375	60047803   6003780302	MAR 2024	China	23.81	1.611	1323.5	3	00	16	1438.7	
176	Duracell Coppertop (SG)	99953369	5000394026599	Variety Shop	N/A	3.50	4	0.875	23338495 11/2012	MAR 2018	China	23.72	1.556	953.9	2	04	06	990.5	6
177	Duracell Coppertop (SG)	99953369	5000394026599	Variety Shop	N/A	3.50	4	0.875	23338495 11/2012	MAR 2018	China	23.75	1.550	927.1	2	01	49	972.3	6
178	Duracell Coppertop (SG)	99953369	5000394026599	Variety Shop	N/A	3.50	4	0.875	23338495 11/2012	MAR 2018	China	23.64	1.598	1132.8	2	28	54	1188.4	
179	Duracell Coppertop (SG)	99953369	5000394026599	Variety Shop	N/A	3.50	4	0.875	23338495 11/2012	MAR 2018	China	23.79	1.580	1239.0	2	46	45	1330.8	
180	Duracell Coppertop	98553536	041333415017	N/A	N/A	N/A	N/A	N/A	9276455311	MAR 2015	China	24.64	1.556	1157.4	2	34	40	1234.3	1
181	Duracell Coppertop	98553536	041333415017	N/A	N/A	N/A	N/A	N/A	9276455311	MAR 2015	China	24.61	1.569	1056.3	2	16	42	1090.6	1