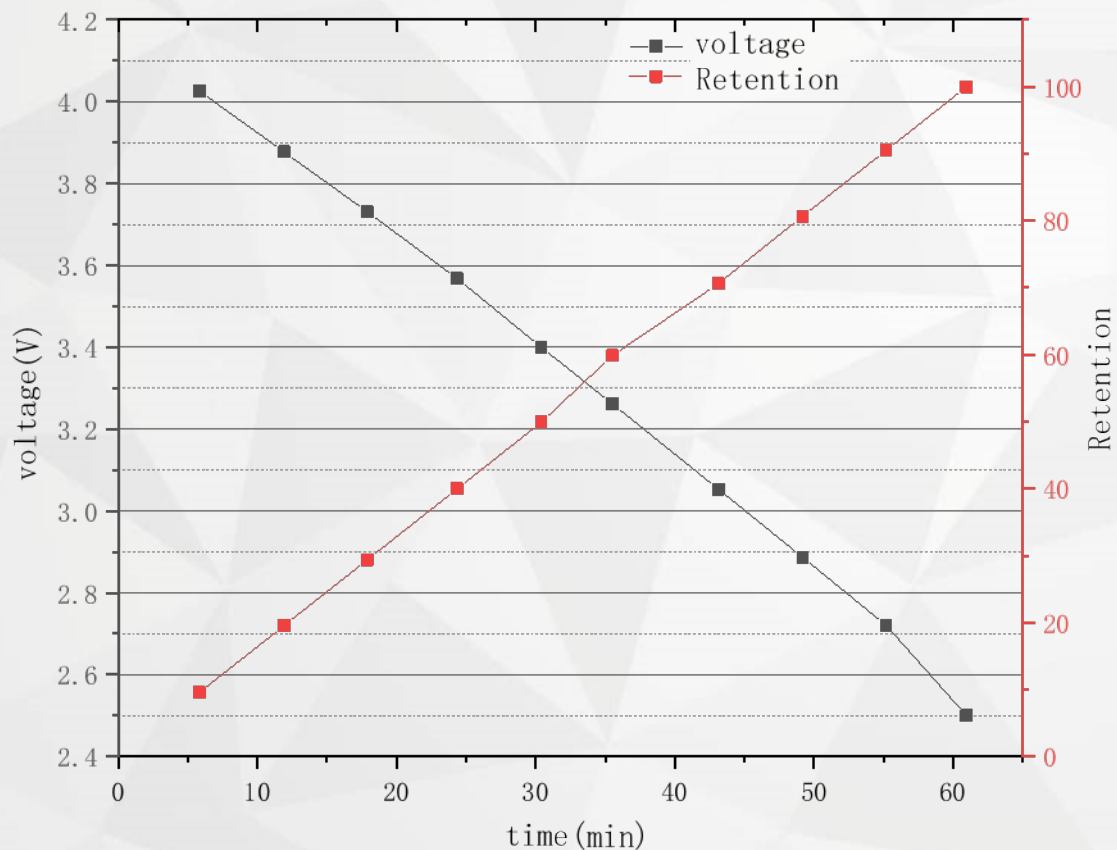




lithium ion capacitor CKAA60140L-18Ah-SOC vs OCV

Test sample: CKAA60140-18Ah

Test conditions: charge and discharge with $1C=18Ah$ current at room temperature, charge to 4.2V constant voltage 3min and current up to 0.1C, discharge to 2.5V, and collect data 1S.



SOC	discharge time (min)	cutoff voltage (V)	Discharge capacity (Ah)	conservation rate (%)
0%	60.96	2.500	18.29	100
10%	55.17	2.721	16.55	90.48
20%	49.18	2.887	14.76	80.69
30%	43.14	3.053	12.92	70.63
40%	35.51	3.262	10.65	59.86
50%	30.40	3.400	9.13	49.91
60%	24.35	3.568	7.31	39.96
70%	17.90	3.731	5.37	29.36
80%	11.92	3.877	3.58	19.57
90%	5.83	4.026	1.75	9.56