

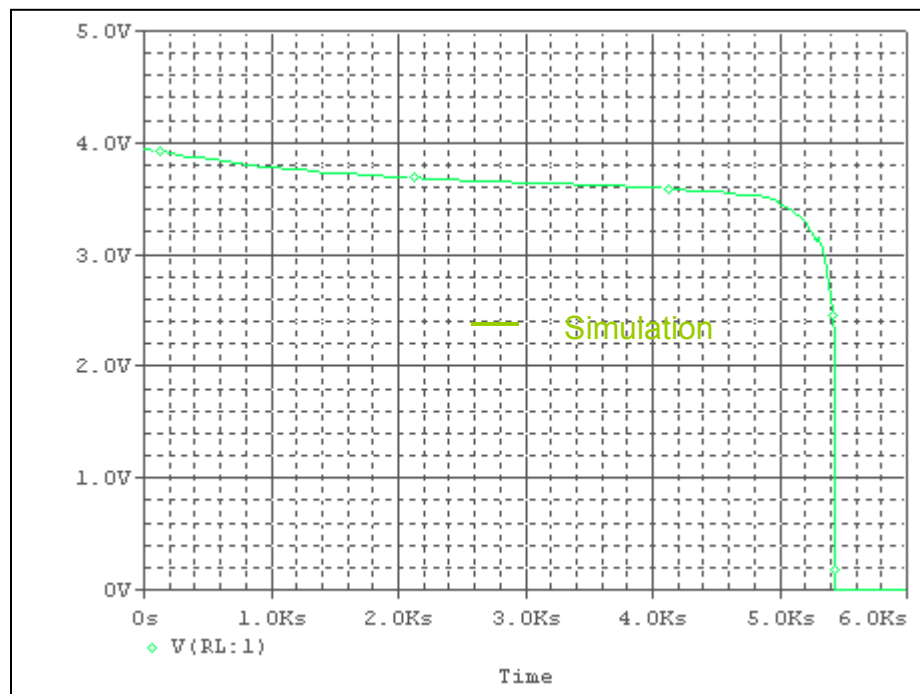
Device Modeling Report

COMPONENTS: Lithium-ion
PART NUMBER: SCP-550
MANUFACTURER: SANYO
CONDITION: RL = 10 (Ω)



Bee Technologies Inc.

Simulation result



Comparison Table

Time(kSeconds)	Vdc(V) Measurement	Vdc(V) Simulation	% Error
0.01	3.95589	3.9379	-0.45476
0.10	3.93303	3.9213	-0.29824
0.20	3.90090	3.9024	0.03845
0.30	3.87435	3.8845	0.26198
0.40	3.85403	3.8657	0.30280
0.50	3.83897	3.8497	0.27950
0.60	3.82745	3.8345	0.18420
0.70	3.81707	3.8187	0.04270
0.80	3.80640	3.8053	-0.02890
0.90	3.79528	3.7926	-0.07061
1.00	3.78406	3.7807	-0.08879
1.10	3.77298	3.7683	-0.12404
1.20	3.76221	3.7578	-0.11722
1.30	3.75184	3.7479	-0.10502
1.40	3.74199	3.7377	-0.11464
1.50	3.73265	3.7290	-0.09779
1.60	3.72383	3.7209	-0.07868
1.70	3.71547	3.7125	-0.07994
1.80	3.70762	3.7054	-0.05988
1.90	3.70019	3.6987	-0.04027
2.00	3.69318	3.6925	-0.01841
2.20	3.68017	3.6804	0.00625
2.40	3.66820	3.6696	0.03817
2.60	3.65735	3.6603	-0.08066
2.80	3.64777	3.6513	-0.09677
3.00	3.63952	3.6430	-0.09562
3.20	3.63243	3.6345	-0.05699
3.40	3.62573	3.6258	-0.00193
3.60	3.61842	3.6171	0.03648
3.80	3.60971	3.6072	0.06953
4.00	3.59822	3.5989	-0.01890
4.20	3.58286	3.5798	0.08541
4.40	3.56454	3.5656	-0.02974
4.60	3.54772	3.5498	-0.05863
4.80	3.52697	3.5229	0.11540
5.00	3.47943	3.4638	0.44921
5.05	3.45692	3.4156	1.19528
5.10	3.42677	3.3824	1.29481
5.15	3.38647	3.3472	1.15961
5.20	3.33268	3.2867	1.37967

5.25	3.26014	3.2026	1.76495
5.30	3.15802	3.1557	0.07346
5.35	2.96968	2.9657	0.13402
5.36	2.90432	2.9024	0.06611
5.37	2.83301	2.8391	-0.21497
5.38	2.75915	2.7652	-0.21927
5.39	2.68391	2.6807	0.11960
5.40	2.60433	2.5963	0.30833
5.41	2.51585	2.5013	0.57833
5.42	2.41268	2.4063	0.26444
5.43	2.28924	2.1741	5.02962
5.44	0.00000	0.0000	0
5.45	0.00000	0.0000	0
5.50	0.00000	0.0000	0
5.60	0.00000	0.0000	0
5.70	0.00000	0.0000	0
5.80	0.00000	0.0000	0
5.90	0.00000	0.0000	0
6.00	0.00000	0.0000	0!

Comparison Graph

