

Device Modeling Report

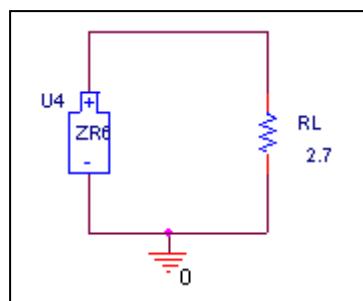
COMPONENTS: Oxyride Cell
PART NUMBER: ZR6
MANUFACTURER: PANASONIC
REMARK: RL=2.7 (Ω)



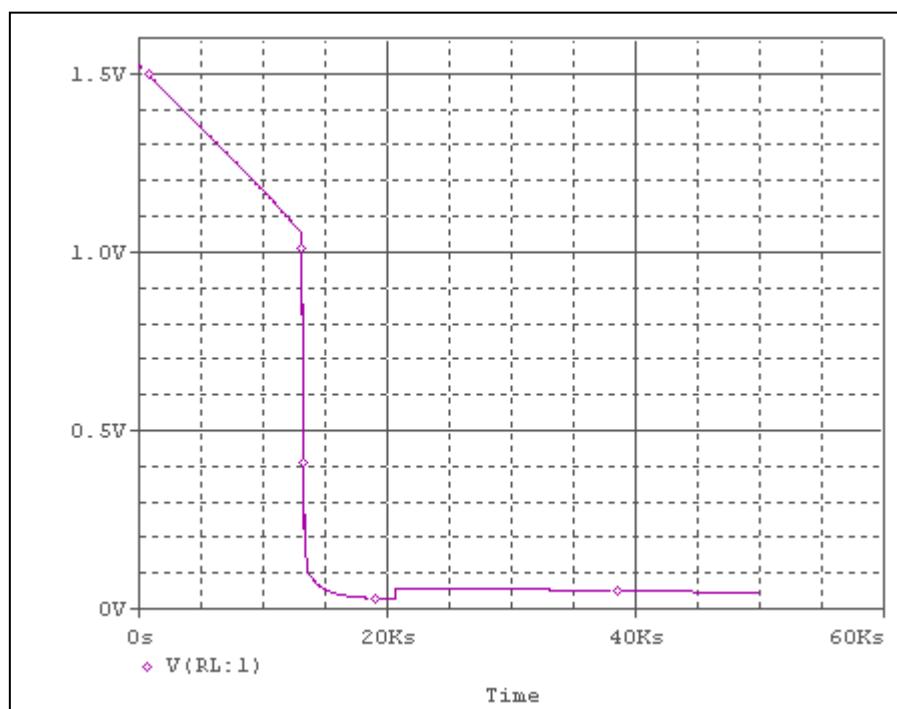
Bee Technologies Inc.

BATTERY Characteristics

Evaluation circuit



Circuit simulation result



Comparison Table

Time(Seconds)	Measurement(V)	Simulation(V)	%Error
500	1.5	1.5	0
1000	1.46	1.46	0
2000	1.4	1.4	0
3000	1.36	1.36	0
4000	1.32	1.32	0
5000	1.29	1.28	-0.77519
6000	1.25	1.24	-0.80000
7000	1.2	1.19	-0.83333
8000	1.14	1.14	0
9000	1.09	1.09	0
10000	1.04	1.03	-0.96154
11000	1.01	0.977	-3.26733
12000	0.956	0.924	-3.34728
13000	0.864	0.88	1.85185
14000	0.112	0.112	0
15000	0.085	0.085	0
16000	0.073	0.073	0
17000	0.066	0.066	0
18000	0.062	0.062	0
19000	0.060	0.060	0
20000	0.058	0.058	0
21000	0.057	0.057	0
22000	0.057	0.057	0
23000	0.057	0.057	0
24000	0.056	0.056	0
25000	0.056	0.056	0
26000	0.056	0.056	0
27000	0.056	0.056	0
28000	0.055	0.055	0
29000	0.055	0.055	0
30000	0.055	0.054	-1.81818
31000	0.054	0.054	0
32000	0.053	0.053	0
33000	0.053	0.053	0
34000	0.052	0.052	0
35000	0.052	0.052	0
36000	0.051	0.051	0
37000	0.051	0.051	0
38000	0.05	0.05	0
39000	0.05	0.05	0
40000	0.049	0.049	0
41000	0.049	0.049	0
42000	0.048	0.048	0

43000	0.048	0.048	0
44000	0.048	0.047	-2.08333
45000	0.047	0.047	0
46000	0.047	0.047	0
47000	0.046	0.046	0
48000	0.046	0.046	0
49000	0.046	0.046	0
50000	0.045	0.045	0

Comparison Graph

