

Device Modeling Report

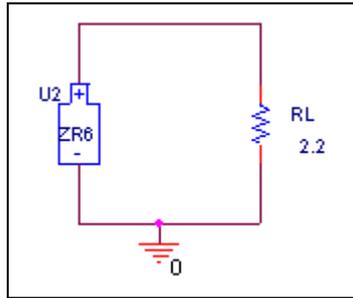
COMPONENTS: Oxyride Cell
PART NUMBER: ZR6
MANUFACTURER: PANASONIC
REMARK: RL= 2.2 (Ω)



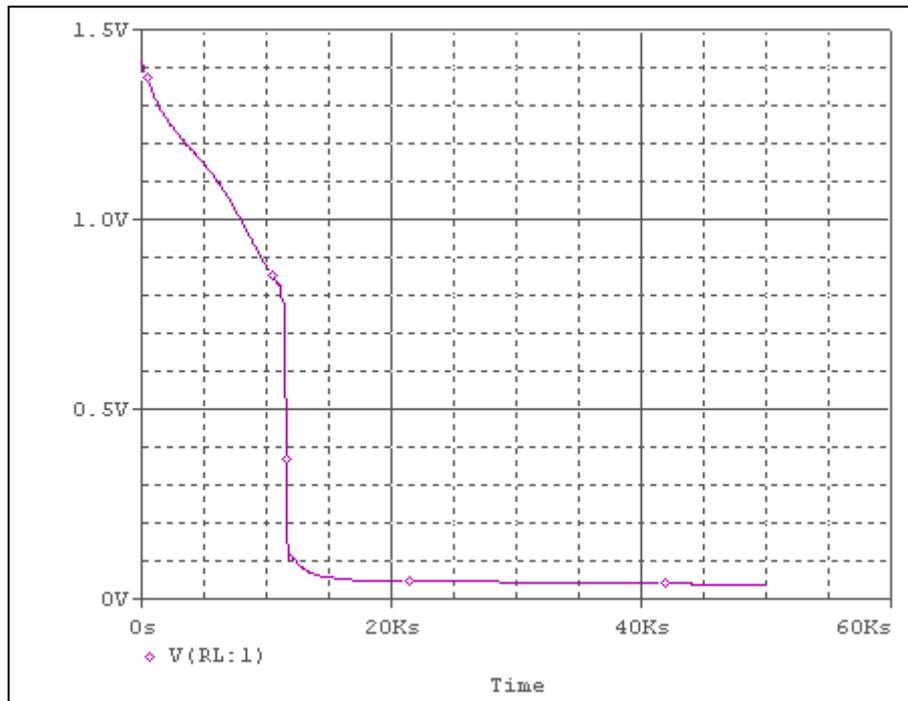
Bee Technologies Inc.

BATTERY Characteristics

Evaluation circuit



Circuit simulation result



Comparison Table

Time(Seconds)	Measurement(V)	Simulation(V)	%Error
500	1.36	1.36	0
1000	1.33	1.329	-0.07519
2000	1.27	1.267	-0.23622
3000	1.21	1.22	0.82645
4000	1.18	1.183	0.25424
5000	1.15	1.145	-0.43478
6000	1.11	1.102	-0.72072
7000	1.05	1.052	0.19048
8000	0.94	0.99	5.31915
9000	0.938	0.934	-0.42644
10000	0.885	0.876	-1.01695
11000	0.822	0.826	0.48662
12000	0.114	0.113	-0.87719
13000	0.079	0.08	1.26582
14000	0.065	0.064	-1.53846
15000	0.058	0.057	-1.72414
16000	0.053	0.053	0
17000	0.051	0.049	-3.92157
18000	0.049	0.048	-2.04082
19000	0.048	0.048	0
20000	0.047	0.047	0
21000	0.047	0.047	0
22000	0.047	0.047	0
23000	0.046	0.046	0
24000	0.046	0.046	0
25000	0.046	0.046	0
26000	0.046	0.045	2.17391
27000	0.045	0.045	0
28000	0.044	0.044	0
29000	0.044	0.044	0
30000	0.044	0.044	0
31000	0.043	0.043	0
32000	0.043	0.043	0
33000	0.043	0.043	0
34000	0.042	0.042	0
35000	0.042	0.042	0
36000	0.042	0.042	0
37000	0.041	0.041	0
38000	0.041	0.041	0
39000	0.04	0.04	0
40000	0.04	0.04	0
41000	0.04	0.04	0
42000	0.04	0.04	0
43000	0.039	0.039	0
44000	0.039	0.039	0

45000	0.039	0.039	45000
46000	0.039	0.039	46000
47000	0.038	0.038	47000
48000	0.038	0.038	48000
49000	0.038	0.038	49000
50000	0.038	0.038	50000

Comparison Graph

