

DIGATRON / FCI BATTERY TEST SYSTEM BTS - 500 CIRCUIT # 2

CISCO INC. - TEST DATA

CUSTOMER NAME : CISCO/SALES  
 ORDER NUMBER : 371740PL303071071  
 TEST START TIME : 8:00  
 DATE : 4/2/07  
 OPERATOR NAME : GORDY  
 BATTERY ID : PL303071071  
 NUMBER OF CELLS : 24  
 AMP HOUR CAPACITY : 850  
 TEST TIME IN HOURS: 6  
 MINIMUM CELL VOLT : 1.7  
 TEST CURRENT AMPS : 142

DATA OF CELLS

OPEN CIRCUIT		TIME IN HOURS:MINUTES (hh:mm)										REMARKS		
CEL	S G	:00	:30	1:00	2:00	3:00	4:00	5:00	5:30	6:00	1.7 V @	AH	%CAP	TIME
1	1295	2.16	2.02	2.00	1.95	1.91	1.89	1.85	1.79					
2		2.16	2.02	2.00	1.97	1.93	1.89	1.85	1.79					
3		2.14	2.00	1.98	1.95	1.90	1.86	1.80	1.02		-776	91	5:21	
4		2.16	2.02	2.00	1.97	1.93	1.89	1.85	1.80					
5		2.16	2.02	2.00	1.97	1.92	1.87	1.81	0.77		-775	91	5:21	
6		2.16	2.01	2.00	1.97	1.93	1.89	1.84	1.79					
7	1290	2.16	2.01	2.00	1.97	1.93	1.89	1.85	1.79					
8		2.16	2.01	2.00	1.97	1.93	1.89	1.85	1.79					
9		2.16	2.01	2.00	1.97	1.93	1.90	1.85	1.80					
10		2.16	2.01	2.00	1.97	1.93	1.89	1.84	1.77					
11		2.16	2.01	2.00	1.96	1.92	1.87	1.81	0.80		-183	22	1:15	
12		2.16	2.01	2.00	1.97	1.93	1.89	1.85	1.79					
13	1290	2.16	2.01	2.00	1.97	1.93	1.88	1.84	1.76					
14		1.65	2.01	1.99	1.77	1.91	1.50	1.85	1.66		-63	7	0:25	
15		2.16	2.01	2.00	1.97	1.92	1.88	1.83	1.69		-794	93	5:29	
16		2.16	2.01	2.00	1.97	1.93	1.90	1.85	1.80		-96	11	0:39	
17		2.16	2.01	2.00	1.97	1.93	1.89	1.85	1.79		-79	9	0:32	
18		2.16	2.01	2.00	1.96	1.92	1.87	1.82	1.67		-791	93	5:28	
19	1295	2.16	2.01	2.00	1.96	1.91	1.87	1.81	1.39		-782	92	5:24	
20		2.16	1.98	2.00	1.96	1.91	1.87	1.81	0.70		-0	0	0:00	
21		2.16	2.02	2.01	1.97	1.93	1.90	1.85	1.80					
22		2.16	2.01	2.00	1.97	1.93	1.89	1.84	1.78					
23		2.16	2.01	2.00	1.97	1.93	1.89	1.84	1.77					
24	1290	2.16	2.02	2.01	1.97	1.92	1.88	1.64	0.76		-628	74	4:19	
TOTALS =		51.29	48.29	48.02	47.02	46.16	44.84	43.90	37.28	0.00	-800	94	5:31	

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CUSTOMER NAME : CISCO/SALES  
 BATTERY ID : PL303071071  
 DATE : 4/2/07

## BATTERY DATA

TIME [h:m:s]	CURRENT [A]	VOLTAGE [V]	TEMP [F]	LEAKAGE [V]	CAPACITY [Ah]	ENERGY [KWh]	REMARKS BAD / LOW CELL
0:00:00	0.00	51.92	73.7	0.00	0.0	0.0	
0:00:00	0.00	51.92	73.7	-0.01	0.0	0.0	
0:00:00	0.00	51.90	72.4	0.01	0.0	0.0	
0:00:00	0.00	51.93	72.4	-0.01	0.0	0.0	
0:00:00	0.00	51.92	72.4	-0.01	0.0	0.0	
0:00:00	0.00	51.91	72.4	-0.01	0.0	0.0	
0:00:00	0.00	51.92	72.4	-0.01	0.0	0.0	
0:00:08	-142.00	48.85	73.7	-0.01	-0.3	-0.0	20 Low
0:00:08	-142.00	48.82	73.7	-0.01	-0.3	-0.0	20 Bad
0:00:08	-142.00	48.68	72.4	0.01	-0.3	-0.0	
0:00:08	0.00	51.18	72.4	0.00	-0.3	-0.0	
0:00:08	0.00	51.38	72.4	0.00	-0.3	-0.0	
0:00:08	0.00	51.40	72.4	-0.01	-0.3	-0.0	
0:00:08	0.00	51.39	72.4	0.00	-0.3	-0.0	
0:00:08	0.00	51.39	72.4	-0.01	-0.3	-0.0	
0:00:08	0.00	51.40	72.4	-0.01	-0.3	-0.0	
0:00:08	0.00	51.41	72.4	0.00	-0.3	-0.0	
0:00:08	0.00	51.41	72.4	-0.01	-0.3	-0.0	
0:00:08	0.00	51.45	72.4	0.00	-0.3	-0.0	
0:00:08	0.00	51.44	72.4	0.00	-0.3	-0.0	
0:00:08	0.00	51.44	72.4	0.01	-0.3	-0.0	
0:00:08	0.00	51.45	72.4	0.00	-0.3	-0.0	
0:00:08	0.00	51.43	72.4	-0.01	-0.3	-0.0	
0:00:08	0.00	51.43	72.4	0.01	-0.3	-0.0	
0:00:08	0.00	51.45	72.4	0.00	-0.3	-0.0	
0:00:16	-142.00	48.42	72.4	-0.01	-0.7	-0.0	20 Bad
0:00:16	-141.99	48.27	73.7	-0.01	-0.7	-0.0	
0:00:16	0.00	50.77	72.4	-0.01	-0.7	-0.0	
0:00:16	0.00	50.92	72.4	-0.01	-0.7	-0.0	
0:00:16	0.00	50.96	72.4	-0.01	-0.7	-0.0	
0:18:24	-142.00	47.95	73.7	-0.01	-45.0	-2.1	20 Bad
0:18:24	-142.00	47.95	73.7	-0.01	-45.0	-2.1	
0:18:24	0.00	50.28	73.7	-0.01	-45.0	-2.1	
0:18:24	0.00	50.62	73.7	-0.01	-45.0	-2.1	
0:18:24	0.00	50.69	73.7	-0.01	-45.0	-2.1	
0:25:50	-141.98	47.88	73.7	0.01	-63.1	-2.9	14 Low
0:30:00	-142.00	47.85	73.7	0.00	-73.3	-3.4	
0:32:29	-141.99	47.83	75.0	-0.01	-79.4	-3.7	17 Low
0:39:16	-142.00	47.77	75.0	-0.01	-95.8	-4.4	16 Low
1:00:00	-142.00	47.56	75.0	-0.01	-146.1	-6.8	
1:15:11	-142.01	47.36	75.0	-0.01	-183.0	-8.5	11 Low
1:30:00	-142.00	47.16	76.3	0.00	-218.8	-10.2	
2:00:00	-142.00	46.68	76.3	0.00	-291.1	-13.5	
2:30:00	-141.98	46.18	77.6	0.01	-363.2	-16.8	
3:00:00	-142.01	45.64	77.6	-0.01	-435.0	-20.0	
3:11:02	-142.01	45.39	77.6	-0.01	-461.4	-21.2	14 Bad
3:11:02	-142.01	45.40	77.6	-0.01	-461.4	-21.2	
3:11:02	0.00	48.15	77.6	-0.01	-461.4	-21.2	
3:11:02	0.00	49.50	73.7	0.00	-461.4	-21.2	
3:11:02	0.00	49.49	73.7	-0.01	-461.4	-21.2	
3:12:58	-142.00	46.30	73.7	-0.01	-466.2	-21.4	20 Bad
3:12:58	-142.00	46.29	73.7	-0.01	-466.2	-21.4	
3:12:58	0.00	48.86	73.7	-0.01	-466.2	-21.4	
3:12:58	0.00	49.20	73.7	-0.01	-466.2	-21.4	
3:12:58	0.00	49.22	73.7	-0.01	-466.2	-21.4	
3:13:48	-141.99	46.16	73.7	-0.01	-468.2	-21.5	14 Bad
3:13:48	-141.98	46.16	73.7	-0.01	-468.2	-21.5	

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3:13:48	0.00	48.85	73.7	-0.01	-468.2	-21.5	
3:13:48	0.00	49.03	73.7	-0.01	-468.2	-21.5	
3:13:48	0.00	49.07	73.7	-0.01	-468.2	-21.5	
3:30:00	-142.00	45.52	75.0	0.01	-507.6	-23.3	
4:00:00	-142.01	44.70	76.3	-0.01	-580.1	-26.5	
4:05:14	-142.00	44.56	76.3	-0.01	-592.7	-27.0	14 Bad
4:05:14	-142.01	44.55	77.6	-0.01	-592.7	-27.0	
4:05:14	0.00	47.51	76.3	-0.01	-592.7	-27.0	
4:05:14	0.00	48.61	76.3	0.00	-592.7	-27.0	
4:05:14	0.00	48.61	76.3	0.00	-592.7	-27.0	
4:19:40	-142.00	44.53	76.3	-0.01	-627.5	-28.6	14 Bad
4:19:40	-142.00	44.52	76.3	0.00	-627.5	-28.6	
4:19:40	0.00	47.57	76.3	0.01	-627.5	-28.6	
4:19:40	0.00	48.57	75.0	-0.01	-627.5	-28.6	
4:19:40	0.00	48.55	75.0	-0.01	-627.5	-28.6	
4:19:52	-142.00	45.35	75.0	-0.01	-627.9	-28.6	24 Low
4:22:42	-142.02	44.94	75.0	-0.01	-634.8	-28.9	14 Bad
4:22:42	-142.00	44.90	75.0	0.01	-634.8	-28.9	
4:22:42	0.00	47.91	73.7	0.00	-634.8	-28.9	
4:22:42	0.00	48.45	75.0	-0.01	-634.8	-28.9	
4:22:42	0.00	48.46	75.0	-0.01	-634.8	-28.9	
4:25:06	-142.00	44.88	75.0	-0.01	-640.6	-29.2	24 Bad
4:25:06	-142.00	44.89	75.0	-0.01	-640.6	-29.2	
4:25:06	0.00	47.91	75.0	0.00	-640.6	-29.2	
4:25:06	0.00	48.55	76.3	-0.01	-640.6	-29.2	
4:25:06	0.00	48.56	76.3	-0.01	-640.6	-29.2	
4:30:00	-142.00	44.80	76.3	-0.01	-652.4	-29.7	
4:44:08	-142.02	44.20	77.6	0.00	-686.4	-31.2	14 Bad
4:44:08	-142.00	44.18	77.6	-0.01	-686.4	-31.2	
4:44:08	0.00	47.32	77.6	-0.01	-686.4	-31.2	
4:44:08	0.00	47.59	77.6	-0.01	-686.4	-31.2	
4:44:08	0.00	47.61	77.6	0.01	-686.4	-31.2	
5:00:00	-142.00	43.51	77.6	-0.01	-724.4	-32.8	
5:21:13	-142.00	42.13	78.9	0.00	-775.0	-35.0	5 Low
5:21:47	-142.01	42.06	78.9	-0.01	-776.3	-35.0	3 Low
5:24:03	-142.00	41.69	78.9	-0.01	-781.7	-35.2	19 Low
5:28:02	-142.00	39.31	78.9	0.00	-791.2	-35.6	18 Low
5:29:23	-142.00	37.47	78.9	-0.01	-794.4	-35.8	15 Low
5:30:00	-142.01	36.74	78.9	-0.01	-795.9	-35.8	
5:31:52	-142.00	35.24	78.9	0.00	-800.3	-36.0	20 Bad
5:31:52	-142.00	35.20	78.9	0.01	-800.3	-36.0	
5:31:52	0.00	42.83	78.9	-0.01	-800.3	-36.0	
5:31:52	0.00	46.72	78.9	-0.01	-800.3	-36.0	