

**Lilon 1S (4.2V)**

R6 [kOhm]	R7 [kOhm]	Vout [V]	Deviation [%]	C7 [pF]	Ibat [uA]
27	20	4.207	0.158	10.8	89.5
27.4	20	4.181	-0.464	11	88.2
27.4	20.5	4.225	0.586	10.7	88.2
30	22	4.189	-0.266	10.9	80.6
30.1	22	4.183	-0.406	10.9	80.3
36.5	27	4.205	0.108	10.8	66.2
39	28.7	4.195	-0.11	10.9	62
40.2	30	4.22	0.488	10.7	60.1
43	31.6	4.193	-0.165	10.9	56.2
44.2	33	4.221	0.511	10.7	54.7
47	34.8	4.207	0.157	10.8	51.4
48.7	36	4.204	0.089	10.8	49.6
53.6	39	4.176	-0.575	11	45.1
59	43	4.179	-0.501	11	41
75	56	4.223	0.542	10.7	32.2
91	68	4.225	0.59	10.7	26.6
110	82	4.221	0.503	10.7	22
130	95.3	4.192	-0.193	10.9	18.6
150	110	4.193	-0.161	10.9	16.1
162	120	4.212	0.277	10.8	14.9
178	130	4.187	-0.31	11	13.6
180	133	4.208	0.186	10.8	13.4
200	147	4.199	-0.021	10.9	12.1
205	150	4.191	-0.207	10.9	11.8
215	160	4.222	0.523	10.8	11.3
220	160	4.181	-0.45	11	11
220	162	4.203	0.075	10.9	11
240	178	4.217	0.399	10.8	10.1

**Lilon 2S (8.4V)**

R6 [kOhm]	R7 [kOhm]	Vout [V]	Deviation [%]	C7 [pF]	Ibat [uA]
27.4	68	8.415	0.182	3.2	88.2
27.4	68.1	8.424	0.287	3.2	88.2
33	82	8.423	0.28	3.2	73.2
33.2	82	8.387	-0.151	3.2	72.8
33.2	82.5	8.424	0.283	3.2	72.8
46.4	115	8.41	0.115	3.2	52.1
48.7	120	8.375	-0.295	3.2	49.6
48.7	121	8.425	0.296	3.2	49.6
53.6	133	8.418	0.209	3.2	45.1
62	154	8.425	0.294	3.2	39
64.9	160	8.38	-0.235	3.2	37.3
68.1	169	8.42	0.239	3.2	35.5
86.6	215	8.425	0.296	3.2	27.9
121	300	8.421	0.251	3.2	20
240	590	8.385	-0.181	3.3	10.1

**Lilon 3S (12.6V)**

R6 [kOhm]	R7 [kOhm]	Vout [V]	Deviation [%]	C7 [pF]	Ibat [uA]
24.9	105	12.609	0.073	1.9	97.1
26.1	110	12.604	0.031	1.9	92.6

Sheet1

28.7	121	12.608	0.063	1.9	84.2
30.1	127	12.616	0.128	1.9	80.3
31.6	133	12.591	-0.069	1.9	76.5
33.2	140	12.611	0.087	1.9	72.8
36.5	154	12.617	0.137	1.9	66.2
40.2	169	12.581	-0.149	1.9	60.1
42.2	178	12.616	0.124	1.9	57.3
48.7	205	12.596	-0.03	1.9	49.7
51	215	12.612	0.094	1.9	47.4
51.1	215	12.592	-0.064	1.9	47.3
53.6	226	12.614	0.112	1.9	45.1
56.2	237	12.616	0.13	1.9	43
59	249	12.625	0.197	1.9	41
61.9	261	12.616	0.127	1.9	39.1
62	261	12.6	-0.003	1.9	39
68.1	287	12.612	0.098	1.9	35.5
71.5	301	12.602	0.015	1.9	33.8
75	316	12.611	0.089	1.9	32.3
78.7	332	12.625	0.195	1.9	30.7
82.5	348	12.625	0.195	1.9	29.3
86.6	365	12.617	0.136	1.9	27.9
90.9	383	12.615	0.117	1.9	26.6
91	383	12.604	0.028	1.9	26.6
105	442	12.608	0.066	1.9	23
121	510	12.625	0.196	1.9	20
133	560	12.617	0.132	1.9	18.2
147	619	12.62	0.162	1.9	16.5
162	680	12.591	-0.07	1.9	15
162	681	12.606	0.049	1.9	15
187	787	12.623	0.184	1.9	13

**LiFePO4 1S (3.6V)**

R6 [kOhm]	R7 [kOhm]	Vout [V]	Deviation [%]	C7 [pF]	Ibat [uA]
24.9	12	3.581	-0.53	16.6	97
24.9	12.1	3.591	-0.26	16.5	97
26.1	12.7	3.592	-0.216	16.4	92.6
26.1	13	3.62	0.556	16.1	92.6
27	13	3.58	-0.558	16.6	89.5
27	13.3	3.607	0.188	16.2	89.5
27.4	13.3	3.589	-0.295	16.5	88.2
28.7	14	3.595	-0.132	16.4	84.2
30	14.7	3.601	0.016	16.3	80.5
30	15	3.625	0.688	16	80.6
30.1	14.7	3.597	-0.093	16.4	80.3
30.1	15	3.621	0.576	16.1	80.3
31.6	15.4	3.594	-0.161	16.4	76.5
33	16	3.588	-0.328	16.5	73.2
33	16.2	3.603	0.079	16.3	73.2
33.2	16	3.581	-0.524	16.6	72.8
33.2	16.2	3.596	-0.119	16.4	72.8
34.8	16.9	3.59	-0.274	16.5	69.4
36	17.8	3.611	0.319	16.2	67.1
36	18	3.625	0.692	16	67.1

Sheet1

36.5	17.8	3.595	-0.136	16.4	66.2
36.5	18	3.608	0.232	16.2	66.2
38.3	18.7	3.597	-0.096	16.4	63.1
39	18.7	3.575	-0.684	16.7	62
40.2	19.6	3.595	-0.141	16.4	60.1
40.2	20	3.619	0.528	16.1	60.1
42.2	20.5	3.591	-0.259	16.5	57.3
44.2	21.5	3.592	-0.214	16.4	54.7
44.2	22	3.62	0.545	16.1	54.7
46.4	22.6	3.594	-0.17	16.4	52.1
47	22.6	3.579	-0.587	16.6	51.4
48.7	23.7	3.593	-0.196	16.4	49.6
48.7	24	3.608	0.218	16.2	49.6
51	24.9	3.597	-0.088	16.4	47.4
51.1	24.9	3.595	-0.152	16.4	47.3
53.6	26.1	3.594	-0.174	16.4	45.1
56	27	3.582	-0.494	16.6	43.2
56	27.4	3.599	-0.014	16.4	43.2
56.2	27	3.578	-0.609	16.7	43
56.2	27.4	3.595	-0.131	16.4	43
59	28.7	3.593	-0.203	16.4	41
61.9	30	3.588	-0.322	16.5	39
61.9	30.1	3.592	-0.213	16.5	39
62	30	3.587	-0.374	16.5	39
62	30.1	3.59	-0.266	16.5	39
64.9	31.6	3.594	-0.168	16.4	37.2
68	33	3.59	-0.274	16.5	35.5
68	33.2	3.597	-0.077	16.4	35.5
68.1	33	3.588	-0.322	16.5	35.5
68.1	33.2	3.596	-0.125	16.4	35.5
71.5	34.8	3.594	-0.177	16.4	33.8
75	36	3.577	-0.626	16.7	32.2
75	36.5	3.594	-0.177	16.4	32.2
78.7	38.3	3.594	-0.176	16.4	30.7
78.7	39	3.615	0.422	16.1	30.7
82	40.2	3.602	0.068	16.3	29.5
82.5	40.2	3.595	-0.132	16.4	29.3
86.6	42.2	3.595	-0.127	16.4	27.9
86.6	43	3.618	0.494	16.1	27.9
90.9	44.2	3.593	-0.195	16.5	26.6
91	44.2	3.592	-0.231	16.5	26.6
95.3	46.4	3.595	-0.149	16.4	25.4
95.3	47	3.61	0.274	16.2	25.4
100	48.7	3.595	-0.138	16.4	24.2
105	51	3.592	-0.221	16.5	23
105	51.1	3.594	-0.157	16.4	23
110	53.6	3.596	-0.113	16.4	22
115	56	3.595	-0.131	16.4	21
115	56.2	3.599	-0.014	16.4	21
120	59	3.607	0.189	16.3	20.1
121	59	3.597	-0.083	16.4	20
127	61.9	3.597	-0.093	16.4	19
127	62	3.599	-0.04	16.4	19

Sheet1

133	64.9	3.598	-0.051	16.4	18.2
140	68	3.593	-0.198	16.5	17.3
140	68.1	3.595	-0.15	16.4	17.3
147	71.5	3.595	-0.147	16.4	16.5
154	75	3.596	-0.101	16.4	15.7
160	78.7	3.608	0.231	16.3	15.1
162	78.7	3.594	-0.177	16.5	14.9
169	82	3.592	-0.212	16.5	14.3
169	82.5	3.6	-0.013	16.4	14.3
178	86.6	3.596	-0.118	16.4	13.6
180	86.6	3.583	-0.481	16.6	13.4
187	90.9	3.595	-0.14	16.5	12.9
187	91	3.596	-0.104	16.4	12.9
196	95.3	3.595	-0.125	16.5	12.3
205	100	3.6	-0.013	16.4	11.8
215	105	3.601	0.032	16.4	11.3
226	110	3.597	-0.071	16.4	10.7
237	115	3.594	-0.165	16.5	10.2
240	115	3.579	-0.572	16.7	10.1

**LiFePO4 2S (7.2V)**

R6 [kOhm]	R7 [kOhm]	Vout [V]	Deviation [%]	C7 [pF]	Ibat [uA]
27	53.6	7.215	0.207	4	89.5
36	71.5	7.218	0.25	4	67.1
82	162	7.197	-0.039	4	29.5
90.9	180	7.209	0.127	4	26.6
91	180	7.204	0.054	4	26.6
115	226	7.175	-0.344	4.1	21
120	237	7.199	-0.008	4.1	20.2
121	240	7.22	0.279	4	20
160	316	7.203	0.047	4.1	15.1
169	332	7.179	-0.294	4.1	14.3
215	422	7.179	-0.289	4.1	11.3

**LiFePO4 3S (10.8V)**

R6 [kOhm]	R7 [kOhm]	Vout [V]	Deviation [%]	C7 [pF]	Ibat [uA]
24.9	86.6	10.823	0.213	2.3	97.1
27.4	95.3	10.824	0.221	2.3	88.2
33.2	115	10.79	-0.089	2.3	72.8
34.8	121	10.823	0.208	2.3	69.5
38.3	133	10.812	0.115	2.3	63.1
48.7	169	10.809	0.079	2.3	49.6
59	205	10.821	0.193	2.3	41
61.9	215	10.818	0.17	2.3	39.1
62	215	10.805	0.045	2.3	39
86.6	300	10.801	0.005	2.3	27.9
91	316	10.821	0.198	2.3	26.6
95.3	330	10.799	-0.014	2.3	25.4
147	510	10.824	0.218	2.3	16.5
162	560	10.796	-0.041	2.3	15
237	820	10.816	0.15	2.3	10.2