



Azimuth Solar Products Inc.

EFSL Batteries

SiO ₂ EFSL Battery Condition @ 25° C / 77° F					
State of Charge	6V Battery	12V Battery	24V System	48V System	Voltage per cell
100%	6.68	13.35	26.70	53.40	2.23
95%	6.41	12.81	25.62	51.24	2.14
90%	6.37	12.74	25.49	50.98	2.12
85%	6.33	12.66	25.32	50.64	2.11
80%	6.30	12.60	25.20	50.40	2.10
75%	6.26	12.53	25.06	50.11	2.09
70%	6.23	12.45	24.90	49.80	2.08
65%	6.19	12.37	24.74	49.49	2.06
60%	6.15	12.29	24.59	49.18	2.05
55%	6.11	12.21	24.42	48.84	2.04
50%	6.06	12.13	24.25	48.50	2.02
45%	6.02	12.04	24.07	48.14	2.01
40%	5.97	11.95	23.89	47.78	1.99
35%	5.93	11.87	23.74	47.47	1.98
30%	5.88	11.76	23.52	47.04	1.96
25%	5.84	11.67	23.34	46.68	1.95
20%	5.78	11.56	23.11	46.22	1.93
15%	5.72	11.43	22.86	45.72	1.91
10%	5.64	11.28	22.56	45.12	1.88
5%	5.55	11.10	22.20	44.40	1.85
0%	5.40	10.80	21.60	43.20	1.80

The voltage values in the table are approximations. In practice, there are some deviations; the deviation is plus or minus 0.005Vpc.

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