



Azimuth Solar Products Inc.

Lead Crystal/SiO₂ EFSN Batteries

SiO ₂ EFSN Battery Condition @ 25° C / 77° F					
State of Charge	6V Battery	12V Battery	24V System	48V System	Voltage per cell
100%	6.53	13.05	26.10	52.20	2.175
95%	6.47	12.93	25.86	51.72	2.155
90%	6.45	12.90	25.80	51.60	2.150
85%	6.42	12.84	25.68	51.36	2.140
80%	6.39	12.78	25.56	51.12	2.130
75%	6.35	12.69	25.38	50.76	2.115
70%	6.32	12.63	25.26	50.52	2.105
65%	6.27	12.54	25.08	50.16	2.090
60%	6.23	12.45	24.90	49.80	2.075
55%	6.18	12.36	24.72	49.44	2.060
50%	6.14	12.27	24.54	49.08	2.045
45%	6.09	12.18	24.36	48.72	2.030
40%	6.05	12.09	24.18	48.36	2.015
35%	5.99	11.97	23.94	47.88	1.995
30%	5.94	11.88	23.76	47.52	1.980
25%	5.90	11.79	23.58	47.16	1.965
20%	5.85	11.70	23.40	46.80	1.950
15%	5.79	11.58	23.16	46.32	1.930
10%	5.73	11.46	22.92	45.84	1.910
5%	5.66	11.31	22.62	45.24	1.885
0%	5.55	11.10	22.20	44.40	1.850

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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