

Table 1

Days ago	Date	Yield(Wh)	Consumption(Wh)	Max. PV power(W)	Max. PV voltage(V)	Min. battery voltage(V)	Max. battery voltage(V)	Time in bulk(m)	Time in absorption(m)	Time in float(m)	Last error	2nd last error	3rd last error	4th last error
0	04-01-2021	20	0	11.00	35.92	23.32	24.12	365	0	0	0	0	0	0
1	03-01-2021	30	0	38.00	38.97	23.27	24.69	426	0	0	0	0	0	0
2	02-01-2021	60	0	30.00	38.55	23.20	24.53	476	0	0	0	0	0	0
3	01-01-2021	70	0	82.00	42.37	23.06	25.28	456	0	0	0	0	0	0
4	31-12-2020	70	0	45.00	39.45	22.88	24.39	462	0	0	0	0	0	0
5	30-12-2020	80	0	53.00	40.50	22.67	24.29	463	0	0	0	0	0	0
6	29-12-2020	60	0	25.00	39.60	22.46	23.51	457	0	0	0	0	0	0
7	28-12-2020	30	0	33.00	40.80	22.28	23.38	412	0	0	0	0	0	0
8	27-12-2020	10	0	3.00	33.83	22.38	22.69	364	0	0	0	0	0	0
9	26-12-2020	30	0	11.00	36.48	22.40	22.91	467	0	0	0	0	0	0
10	25-12-2020	80	0	40.00	39.20	21.65	23.37	475	0	0	0	0	0	0
11	24-12-2020	40	10	25.00	38.01	19.27	22.50	457	0	0	0	0	0	0
12	23-12-2020	10	30	3.00	33.93	20.14	22.51	432	0	0	0	0	0	0
13	22-12-2020	10	0	10.00	35.21	22.20	22.59	429	0	0	0	0	0	0
14	21-12-2020	10	0	9.00	34.81	22.29	22.67	457	0	0	0	0	0	0
15	20-12-2020	60	0	45.00	38.75	21.63	23.24	458	0	0	0	0	0	0
16	19-12-2020	40	60	22.00	37.67	21.65	22.77	475	0	0	0	0	0	0
17	18-12-2020	70	50	44.00	42.74	22.14	23.29	442	0	0	0	0	0	0
18	17-12-2020	60	10	31.00	39.00	22.56	23.32	456	0	0	0	0	0	0
19	16-12-2020	80	0	36.00	38.61	22.00	23.25	462	0	0	0	0	0	0
20	15-12-2020	20	20	15.00	35.49	21.61	22.47	401	0	0	0	0	0	0
21	14-12-2020	30	20	45.00	37.41	22.08	22.86	431	0	0	0	0	0	0
22	13-12-2020	60	20	41.00	41.46	22.27	23.17	445	0	0	0	0	0	0
23	12-12-2020	20	10	8.00	34.89	22.56	22.84	419	0	0	0	0	0	0
24	11-12-2020	10	0	5.00	34.07	22.77	23.32	435	0	0	0	0	0	0
25	10-12-2020	60	30	35.00	38.50	22.92	23.66	470	0	0	0	0	0	0
26	09-12-2020	10	0	8.00	36.32	23.01	23.45	446	0	0	0	0	0	0
27	08-12-2020	40	20	21.00	38.79	23.19	23.84	465	0	0	0	0	0	0
28	07-12-2020	20	50	10.00	35.69	23.26	23.56	451	0	0	0	0	0	0
29	06-12-2020	30	40	11.00	36.12	23.40	23.89	460	0	0	0	0	0	0
30	05-12-2020	80	50	125.00	45.69	23.47	25.52	474	0	0	0	0	0	0