

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	10	10	8.00	34.67	22.96	23.22	186	0	0	0	0	0	0
1	03-01-2021	40	0	30.00	37.56	22.91	23.81	402	0	0	0	0	0	0
2	02-01-2021	50	10	29.00	37.55	22.86	23.79	470	0	0	0	0	0	0
3	01-01-2021	60	10	29.00	39.63	22.76	23.63	456	0	0	0	0	0	0
4	31-12-2020	80	0	29.00	38.53	22.61	23.56	469	0	0	0	0	0	0
5	30-12-2020	70	10	42.00	40.23	22.45	23.48	457	0	0	0	0	0	0
6	29-12-2020	70	0	23.00	38.58	22.23	23.04	459	0	0	0	0	0	0
7	28-12-2020	40	10	31.00	39.16	22.06	22.84	430	0	0	0	0	0	0
8	27-12-2020	0	0	3.00	31.95	22.07	22.25	351	0	0	0	0	0	0
9	26-12-2020	30	10	12.00	36.27	22.20	22.57	441	0	0	0	0	0	0
10	25-12-2020	80	0	41.00	39.08	21.17	22.94	476	0	0	0	0	0	0
11	24-12-2020	50	0	29.00	37.28	19.60	22.16	460	0	0	0	0	0	0
12	23-12-2020	10	40	6.00	33.25	19.63	21.34	442	0	0	0	0	0	0
13	22-12-2020	20	60	12.00	35.35	21.34	22.62	439	0	0	0	0	0	0
14	21-12-2020	10	0	4.00	32.15	22.35	22.52	420	0	0	0	0	0	0
15	20-12-2020	50	0	37.00	38.87	22.22	23.06	462	0	0	0	0	0	0
16	19-12-2020	40	0	20.00	37.35	21.85	22.67	468	0	0	0	0	0	0
17	18-12-2020	80	80	29.00	39.33	21.91	22.96	443	0	0	0	0	0	0
18	17-12-2020	50	50	32.00	39.52	22.21	23.11	456	0	0	0	0	0	0
19	16-12-2020	90	0	26.00	38.72	22.00	22.84	457	0	0	0	0	0	0
20	15-12-2020	20	0	18.00	36.36	21.85	22.37	420	0	0	0	0	0	0
21	14-12-2020	30	70	29.00	36.34	21.71	22.65	414	0	0	0	0	0	0
22	13-12-2020	70	50	44.00	39.15	22.27	23.11	452	0	0	0	0	0	0
23	12-12-2020	20	70	10.00	34.44	22.46	22.83	420	0	0	0	0	0	0
24	11-12-2020	20	80	6.00	33.00	22.70	22.94	423	0	0	0	0	0	0
25	10-12-2020	70	90	21.00	37.87	22.92	23.54	484	0	0	0	0	0	0
26	09-12-2020	20	90	10.00	34.92	23.01	23.37	444	0	0	0	0	0	0
27	08-12-2020	40	60	43.00	37.61	23.18	23.84	461	0	0	0	0	0	0
28	07-12-2020	20	130	12.00	35.07	23.21	23.55	449	0	0	0	0	0	0
29	06-12-2020	40	130	14.00	36.00	23.35	23.87	461	0	0	0	0	0	0
30	05-12-2020	100	120	113.00	44.17	23.48	24.95	473	0	0	0	0	0	0