

Model: Procool Upright Freezers

Page: <https://www.procoolmfg.com/product/mini-cooler/>

Remarks: Gas R600a, Ambient temperature 32°C; inside temperature down to 0~10°C, with lowest at 1.1°C

Datas are scanned and recored every 30 seconds

Since 14:00 to 16:00, controller manual at 7, the compressor will stop at 2°C and then restart at 4°C. On-off ratio is in normal range.

Since 16:00 to 18:00, controller manual at 4, the compressor will stop at 4°C and then restart at 9°C. On-off ratio is in normal range.

Event	Date	Time	Current (A)	Voltage (V)	Power (W)	Consumption (Kwh)	Controller	Ambient (°C)	Compressor (°C)	Discharge Pipe (°C)	Filter (°C)	Suction Pipe (°C)	Inside(Up) (°C)	Inside(Down) (°C)
ON	2017/3/24	14:01:14	0	118.1	0	1106.25	Manual at 7	31.6	29.909	30.993	30.8	30.741	31.555	31.632
	2017/3/24	14:01:44	0	118.2	0	1106.25	Manual at 7	31.66	29.907	30.993	30.8	30.77	31.595	31.688
	2017/3/24	14:02:14	0	118.2	0	1106.25	Manual at 7	31.64	29.909	30.953	30.8	30.751	31.276	31.358
	2017/3/24	14:02:44	0	118	0	1106.25	Manual at 7	31.61	29.986	33.2	32	30.661	31.198	31.303
	2017/3/24	14:03:14	0.73	117.8	50.5	1106.25	Manual at 7	31.64	29.872	34.672	33.4	30.549	31.171	31.271
	2017/3/24	14:03:44	0.7	117.8	45.5	1106.25	Manual at 7	31.63	30.151	35.204	33	30.507	31.049	31.243
	2017/3/24	14:04:14	0.72	117.8	49.2	1106.25	Manual at 7	31.65	30.066	36.233	34.2	30.467	30.86	31.165
	2017/3/24	14:04:44	0.72	117.7	50.3	1106.25	Manual at 7	31.69	30.026	37.193	35.1	30.432	30.195	30.919
	2017/3/24	14:05:14	0.73	117.7	51.5	1106.25	Manual at 7	31.66	30.127	37.929	36.1	30.363	29.155	30.483
	2017/3/24	14:05:44	0.74	117.7	52.6	1106.25	Manual at 7	31.65	30.093	39.059	36.9	30.193	28.028	30.214
	2017/3/24	14:06:14	0.74	117.7	52.8	1106.25	Manual at 7	31.61	30.199	39.829	37.6	29.954	26.669	29.161
	2017/3/24	14:06:44	0.74	117.7	53.2	1106.25	Manual at 7	31.62	30.228	40.324	38.4	29.657	25.885	28.239
	2017/3/24	14:07:14	0.74	117.7	53.7	1106.25	Manual at 7	31.61	30.162	41.09	39.1	29.266	24.816	27.76
	2017/3/24	14:07:44	0.74	117.7	53.8	1106.25	Manual at 7	31.6	30.291	41.876	39.7	28.808	23.753	26.58
	2017/3/24	14:08:14	0.74	117.7	54.1	1106.25	Manual at 7	31.64	30.384	42.271	40.2	28.24	22.906	26.104
	2017/3/24	14:08:44	0.74	117.7	53.9	1106.25	Manual at 7	31.67	30.61	42.915	40.8	27.674	21.942	25.229
	2017/3/24	14:09:14	0.75	117.7	54.3	1106.25	Manual at 7	31.65	30.567	43.407	41.2	27.045	20.994	24.494
	2017/3/24	14:09:44	0.74	117.7	54.2	1106.25	Manual at 7	31.67	30.775	43.896	41.6	26.42	20.601	23.661
	2017/3/24	14:10:14	0.75	117.7	55	1106.25	Manual at 7	31.66	30.833	44.434	41.9	25.781	19.527	22.951
	2017/3/24	14:10:44	0.75	117.7	54.9	1106.26	Manual at 7	31.64	30.77	44.576	42.3	25.16	18.964	22.03
	2017/3/24	14:11:14	0.75	117.7	55.1	1106.26	Manual at 7	31.69	30.935	45.521	42.6	24.552	18.229	21.254
	2017/3/24	14:11:44	0.75	117.7	55.3	1106.26	Manual at 7	31.68	30.81	46.323	42.9	23.975	17.648	20.254

2017/3/24 14:12:14	0.75	117.7	55.4	1106.26	Manual at 7	31.68	30.977	46.564	43.1	23.409	16.792	19.336
2017/3/24 14:12:44	0.75	117.7	56.2	1106.26	Manual at 7	31.67	31.009	46.87	43.5	22.86	16.708	18.694
2017/3/24 14:13:14	0.75	117.7	56.1	1106.26	Manual at 7	31.69	31.055	47.824	43.7	22.335	15.727	17.834
2017/3/24 14:13:44	0.75	117.7	56.1	1106.26	Manual at 7	31.68	31.134	48.435	43.8	21.868	15.118	17.528
2017/3/24 14:14:14	0.75	117.7	56.4	1106.26	Manual at 7	31.66	31.222	48.539	44.1	21.374	14.91	16.89
2017/3/24 14:14:44	0.75	117.7	56.5	1106.26	Manual at 7	31.68	31.209	49.441	44.4	20.895	14.21	16.039
2017/3/24 14:15:14	0.76	117.7	56.8	1106.26	Manual at 7	31.69	31.259	49.98	44.4	20.401	13.885	15.627
2017/3/24 14:15:44	0.76	117.7	57	1106.26	Manual at 7	31.69	31.405	50.154	44.8	19.964	13.256	14.94
2017/3/24 14:16:14	0.76	117.7	57.2	1106.26	Manual at 7	31.7	31.493	50.068	44.9	19.478	13.182	14.214
2017/3/24 14:16:44	0.76	117.7	57	1106.26	Manual at 7	31.69	31.552	50.931	45.1	19.002	12.412	13.656
2017/3/24 14:17:14	0.76	117.7	57.4	1106.26	Manual at 7	31.73	31.552	50.812	45.2	18.483	11.964	13.273
2017/3/24 14:17:44	0.76	117.7	57	1106.26	Manual at 7	31.72	31.841	51.549	45.3	18.032	11.568	12.508
2017/3/24 14:18:14	0.76	117.7	57.2	1106.26	Manual at 7	31.76	31.849	52.179	45.5	17.685	10.584	12.13
2017/3/24 14:18:44	0.76	117.7	57.6	1106.26	Manual at 7	31.72	31.701	52.399	45.6	17.322	10.224	11.757
2017/3/24 14:19:14	0.76	117.7	57.5	1106.26	Manual at 7	31.74	31.73	53.346	45.7	16.997	10.079	11.14
2017/3/24 14:19:44	0.76	117.7	57.4	1106.26	Manual at 7	31.7	31.621	53.609	45.8	16.631	9.604	10.621
2017/3/24 14:20:14	0.76	117.7	57.8	1106.26	Manual at 7	31.68	31.81	54.072	46	16.382	9.096	10.199
2017/3/24 14:20:44	0.76	117.7	57.8	1106.26	Manual at 7	31.72	31.844	53.257	46.1	16.115	8.794	9.63
2017/3/24 14:21:14	0.76	117.7	57.8	1106.27	Manual at 7	31.77	31.969	53.933	46.1	15.893	8.339	9.362
2017/3/24 14:21:44	0.76	117.7	57.9	1106.27	Manual at 7	31.7	32.157	54.714	46.3	15.609	7.63	8.884
2017/3/24 14:22:14	0.76	117.7	58	1106.27	Manual at 7	31.69	32.104	54.69	46.5	15.411	7.82	8.429
2017/3/24 14:22:44	0.76	117.7	58.2	1106.27	Manual at 7	31.74	32.215	55.524	46.5	15.191	7.407	7.983
2017/3/24 14:23:14	0.76	117.7	58.1	1106.27	Manual at 7	31.77	32.115	55.645	46.6	14.893	7.052	7.474
2017/3/24 14:23:44	0.76	117.7	58.2	1106.27	Manual at 7	31.81	32.362	55.407	46.7	14.587	6.717	7.26
2017/3/24 14:24:14	0.76	117.7	58.1	1106.27	Manual at 7	31.81	32.319	56.67	46.7	14.401	6.419	6.754
2017/3/24 14:24:44	0.76	117.7	58.3	1106.27	Manual at 7	31.77	32.375	56.394	46.8	14.242	6.112	6.55
2017/3/24 14:25:14	0.76	117.7	58.3	1106.27	Manual at 7	31.76	32.354	56.67	46.9	13.95	6.022	6.249
2017/3/24 14:25:44	0.76	117.7	58.3	1106.27	Manual at 7	31.74	32.41	57.027	46.9	13.756	5.565	5.811
2017/3/24 14:26:14	0.76	117.7	58.4	1106.27	Manual at 7	31.75	32.29	57.394	46.9	13.581	5.285	5.47
2017/3/24 14:26:44	0.76	117.9	58.6	1106.27	Manual at 7	31.73	32.428	57.313	47.1	13.346	4.844	5.099
2017/3/24 14:27:14	0.76	117.9	58.7	1106.27	Manual at 7	31.75	32.583	58.072	47	13.073	4.462	4.753
2017/3/24 14:27:44	0.76	117.9	58.6	1106.27	Manual at 7	31.75	32.399	58.224	46.9	12.896	4.089	4.398

	2017/3/24 14:28:14	0.76	117.9	58.6	1106.27	Manual at 7	31.7	32.375	58.819	47	12.461	3.899	3.986
	2017/3/24 14:28:44	0.76	117.8	58.6	1106.27	Manual at 7	31.72	32.585	57.923	47.2	12.139	3.496	3.746
	2017/3/24 14:29:14	0.76	117.8	59	1106.27	Manual at 7	31.75	32.784	58.604	47.1	11.739	3.185	3.42
	2017/3/24 14:29:44	0.76	117.8	58.6	1106.27	Manual at 7	31.74	32.805	59.241	47.2	11.472	2.983	2.953
	2017/3/24 14:30:14	0.76	117.8	58.7	1106.27	Manual at 7	31.73	32.804	59.618	47.3	11.193	2.607	2.695
OFF	2017/3/24 14:30:44	0	118.1	1.1	1106.27	Manual at 7	31.72	33.01	56.51	43.9	15.444	2.796	2.587
	2017/3/24 14:31:14	0	118.1	1.1	1106.27	Manual at 7	31.74	32.6	53.063	39.1	20.397	3.488	2.862
	2017/3/24 14:31:44	0	118.1	1.1	1106.27	Manual at 7	31.7	32.861	50.3	30	24.121	4.324	3.528
	2017/3/24 14:32:14	0	118.1	1.1	1106.27	Manual at 7	31.74	32.858	48.421	27.5	27.123	5.039	4.498
	2017/3/24 14:32:44	0	118.1	1.1	1106.27	Manual at 7	31.72	32.454	47.942	27.8	27.843	5.74	4.889
ON	2017/3/24 14:33:14	0.83	117.8	69.2	1106.28	Manual at 7	31.73	32.824	58.826	42.8	0.793	5.742	5.291
	2017/3/24 14:33:44	0.78	117.8	60.7	1106.28	Manual at 7	31.75	32.794	57.593	42.7	7.395	4.612	5.168
	2017/3/24 14:34:14	0.77	117.9	59.5	1106.28	Manual at 7	31.72	33.111	58.302	44.4	10.493	4.266	4.749
	2017/3/24 14:34:44	0.77	117.6	59.4	1106.28	Manual at 7	31.72	32.85	59.471	45	11.89	4.173	4.383
	2017/3/24 14:35:14	0.77	117.7	59.4	1106.28	Manual at 7	31.7	33.236	58.737	45.4	12.491	3.771	4.154
	2017/3/24 14:35:44	0.77	117.7	59.3	1106.28	Manual at 7	31.72	33.01	60.094	45.8	12.638	3.442	3.786
	2017/3/24 14:36:14	0.77	117.7	59.4	1106.28	Manual at 7	31.72	33.14	59.535	46.1	12.532	3.015	3.333
	2017/3/24 14:36:44	0.77	117.7	59.5	1106.28	Manual at 7	31.73	33.22	60.248	46.2	12.103	2.511	2.793
	2017/3/24 14:37:14	0.77	117.7	59.2	1106.28	Manual at 7	31.7	32.94	60.762	46.4	11.786	2.197	2.453
OFF	2017/3/24 14:37:44	0	118.1	1.1	1106.28	Manual at 7	31.73	33.216	58.003	43.5	15.648	2.095	2.164
	2017/3/24 14:38:14	0	118.1	1	1106.28	Manual at 7	31.7	33.105	54.118	38.9	20.687	2.675	2.325
	2017/3/24 14:38:44	0	118.1	1.1	1106.28	Manual at 7	31.74	33.466	51.352	29.9	24.448	3.465	2.933
	2017/3/24 14:39:14	0	118.1	1.1	1106.28	Manual at 7	31.73	33.017	49.287	27.3	27.704	4.569	3.689
	2017/3/24 14:39:44	0	118.1	1	1106.28	Manual at 7	31.69	33.084	48.192	26.8	29.967	5.169	4.511
ON	2017/3/24 14:40:14	0.88	117.7	76.6	1106.28	Manual at 7	31.7	32.964	59.225	42.4	-0.165	5.376	4.849
	2017/3/24 14:40:44	0.77	117.7	59.8	1106.28	Manual at 7	31.69	33.24	59.035	42.1	6.841	4.273	4.654
	2017/3/24 14:41:14	0.77	117.7	60	1106.28	Manual at 7	31.73	33.339	59.038	44	10.211	3.781	4.207
	2017/3/24 14:41:44	0.77	117.7	59.6	1106.28	Manual at 7	31.73	33.355	59.438	44.6	11.629	3.478	4.04
	2017/3/24 14:42:14	0.77	117.7	59.6	1106.28	Manual at 7	31.7	33.45	60.154	45.2	12.282	3.017	3.587
	2017/3/24 14:42:44	0.77	117.7	59.6	1106.28	Manual at 7	31.74	33.153	60.194	45.6	12.329	2.665	3.233
	2017/3/24 14:43:14	0.77	117.7	59.8	1106.28	Manual at 7	31.72	33.248	60.564	46	11.968	2.475	2.709
	2017/3/24 14:43:44	0.77	117.9	60	1106.28	Manual at 7	31.72	33.278	59.751	45.6	12.503	1.756	2.153

OFF	2017/3/24 14:44:14	0	118.1	1.1	1106.28	Manual at 7	31.74	33.405	55.609	41.3	18.328	1.883	2.048
	2017/3/24 14:44:44	0	118.1	1	1106.28	Manual at 7	31.73	33.104	53.15	34.9	22.728	2.98	2.471
	2017/3/24 14:45:14	0	118.1	1	1106.28	Manual at 7	31.75	33.479	50.88	28.5	26.324	3.646	2.89
	2017/3/24 14:45:44	0	118.1	1	1106.28	Manual at 7	31.72	33.561	49.294	26.9	29.11	4.545	3.811
ON	2017/3/24 14:46:14	0.86	117.7	76	1106.28	Manual at 7	31.72	33.604	55.069	40.7	-0.594	5.131	4.313
	2017/3/24 14:46:44	0.77	117.7	61.2	1106.28	Manual at 7	31.7	32.982	60.047	42	3.086	4.592	4.591
	2017/3/24 14:47:14	0.77	117.7	60.5	1106.28	Manual at 7	31.73	33.628	59.359	42.7	8.426	3.655	4.418
	2017/3/24 14:47:44	0.77	117.7	60.4	1106.29	Manual at 7	31.72	33.508	59.364	44.3	10.846	3.25	3.838
	2017/3/24 14:48:14	0.77	117.7	59.8	1106.29	Manual at 7	31.73	33.724	60.444	44.9	11.869	2.853	3.35
	2017/3/24 14:48:44	0.77	117.7	60	1106.29	Manual at 7	31.74	33.891	59.933	45.4	12.159	2.567	3.081
	2017/3/24 14:49:14	0.77	117.9	59.8	1106.29	Manual at 7	31.72	33.915	60.624	45.9	11.943	2.054	2.515
	2017/3/24 14:49:44	0.77	117.9	60	1106.29	Manual at 7	31.76	33.849	60.376	45.5	12.049	1.617	2.101
OFF	2017/3/24 14:50:14	0	118.1	1	1106.29	Manual at 7	31.73	33.644	56.025	41.4	17.816	1.725	1.741
	2017/3/24 14:50:44	0	118.1	1	1106.29	Manual at 7	31.77	33.338	53.206	35.3	22.365	2.41	2.119
	2017/3/24 14:51:14	0	118.1	1	1106.29	Manual at 7	31.7	33.412	50.43	28.4	26.042	3.387	2.957
	2017/3/24 14:51:44	0	118	1	1106.29	Manual at 7	31.74	33.333	49.433	26.7	28.951	4.373	3.765
	2017/3/24 14:52:14	0	118.1	1	1106.29	Manual at 7	31.75	33.872	51.263	38.1	3.463	4.772	4.22
ON	2017/3/24 14:52:44	0.78	117.7	62.3	1106.29	Manual at 7	31.73	33.463	60.001	42	2.112	4.468	4.511
	2017/3/24 14:53:14	0.77	117.7	59.8	1106.29	Manual at 7	31.75	33.543	59.951	42.2	7.949	3.755	4.371
	2017/3/24 14:53:44	0.77	117.7	60	1106.29	Manual at 7	31.76	33.864	60.578	43.8	10.431	3.611	3.736
	2017/3/24 14:54:14	0.77	117.7	59.5	1106.29	Manual at 7	31.77	33.712	60.538	44.7	11.643	3.03	3.515
	2017/3/24 14:54:44	0.77	117.9	60	1106.29	Manual at 7	31.76	33.566	61.21	45.2	12.083	2.378	2.98
	2017/3/24 14:55:14	0.77	117.9	60	1106.29	Manual at 7	31.73	33.621	61.518	45.7	11.886	1.676	2.498
	2017/3/24 14:55:44	0.77	117.9	60.1	1106.29	Manual at 7	31.74	33.938	60.337	44.9	12.833	1.594	1.81
OFF	2017/3/24 14:56:14	0	118.1	1	1106.29	Manual at 7	31.73	33.747	56.159	40.7	18.679	1.775	1.667
	2017/3/24 14:56:44	0	118	1.1	1106.29	Manual at 7	31.75	33.813	52.477	34	22.944	2.376	2.209
	2017/3/24 14:57:14	0	118	1	1106.29	Manual at 7	31.72	33.893	50.832	27.9	26.6	3.405	3.044
	2017/3/24 14:57:44	0	118	1	1106.29	Manual at 7	31.73	33.803	49.306	26.5	29.367	4.133	3.579
ON	2017/3/24 14:58:14	1	117.6	73.9	1106.29	Manual at 7	31.72	33.821	53.691	40	0.779	4.7	4.14
	2017/3/24 14:58:44	0.78	117.7	61.8	1106.29	Manual at 7	31.74	33.771	60.297	42	2.938	4.293	4.395
	2017/3/24 14:59:14	0.77	117.7	60.7	1106.29	Manual at 7	31.74	33.85	60.345	42.3	8.202	3.311	4.168
	2017/3/24 14:59:44	0.77	117.9	59.8	1106.29	Manual at 7	31.7	33.8	60.585	44	10.717	3.147	3.562

	2017/3/24 15:00:14	0.77	117.8	60.1	1106.29	Manual at 7	31.74	33.76	60.428	44.7	11.696	2.767	3.129
	2017/3/24 15:00:44	0.77	117.9	60.1	1106.29	Manual at 7	31.69	33.662	61.349	45.2	11.98	2.243	2.718
	2017/3/24 15:01:14	0.77	117.9	59.7	1106.29	Manual at 7	31.73	34.045	61.458	45.6	11.751	1.594	2.185
OFF	2017/3/24 15:01:44	0	118	1	1106.29	Manual at 7	31.75	33.319	59.079	43.2	14.731	1.118	1.776
	2017/3/24 15:02:14	0	118.1	1	1106.29	Manual at 7	31.74	33.553	55.258	38.6	20.064	1.885	1.775
	2017/3/24 15:02:44	0	118.1	1	1106.29	Manual at 7	31.72	33.755	52.477	30.5	24.154	2.757	2.22
	2017/3/24 15:03:14	0	118.1	1	1106.29	Manual at 7	31.74	33.712	49.986	27	27.512	3.656	3.101
	2017/3/24 15:03:44	0	118.1	1	1106.29	Manual at 7	31.76	33.43	49.088	26.5	29.928	4.233	3.801
ON	2017/3/24 15:04:14	0.91	117.6	81.5	1106.3	Manual at 7	31.77	33.842	57.417	41.7	-3.345	4.56	4.059
	2017/3/24 15:04:44	0.77	117.8	60.6	1106.3	Manual at 7	31.77	33.712	60.269	41.9	4.774	4.041	4.345
	2017/3/24 15:05:14	0.77	117.9	60.3	1106.3	Manual at 7	31.8	33.819	59.78	42.9	9.104	3.228	4.03
	2017/3/24 15:05:44	0.77	117.8	60.1	1106.3	Manual at 7	31.79	33.499	60.931	44.1	11.065	3.1	3.515
	2017/3/24 15:06:14	0.77	117.8	60.3	1106.3	Manual at 7	31.75	33.964	60.612	44.8	11.855	2.871	3.129
	2017/3/24 15:06:44	0.77	117.9	59.8	1106.3	Manual at 7	31.73	33.748	61.512	45.2	11.877	1.826	2.605
	2017/3/24 15:07:14	0.77	117.7	60.1	1106.3	Manual at 7	31.72	33.562	61.572	45.7	11.569	1.463	2.05
OFF	2017/3/24 15:07:44	0	118.1	1	1106.3	Manual at 7	31.74	33.82	57.688	42	16.337	1.242	1.601
	2017/3/24 15:08:14	0	118.1	1	1106.3	Manual at 7	31.72	34.194	53.806	37	21.354	1.968	1.802
	2017/3/24 15:08:44	0	118.1	1	1106.3	Manual at 7	31.74	33.855	52.02	28.4	25.121	2.835	2.156
	2017/3/24 15:09:14	0	118.1	1	1106.3	Manual at 7	31.77	33.672	50.029	26.7	28.25	3.75	3.247
	2017/3/24 15:09:44	0	118.1	1	1106.3	Manual at 7	31.74	33.557	48.413	26.8	30.531	4.27	3.887
ON	2017/3/24 15:10:14	0.89	117.7	77.8	1106.3	Manual at 7	31.77	34.092	60.238	41.8	-1.077	4.488	3.916
	2017/3/24 15:10:44	0.77	117.8	60.4	1106.3	Manual at 7	31.73	34.241	60.858	41.8	6.239	3.636	4.057
	2017/3/24 15:11:14	0.77	117.8	60.3	1106.3	Manual at 7	31.76	34.113	60.496	43.3	9.698	3.123	3.579
	2017/3/24 15:11:44	0.77	117.8	59.7	1106.3	Manual at 7	31.78	33.658	61.017	44.2	11.346	2.662	3.281
	2017/3/24 15:12:14	0.77	117.7	60.1	1106.3	Manual at 7	31.75	33.898	61.247	44.9	11.857	2.442	2.919
	2017/3/24 15:12:44	0.77	117.7	60.4	1106.3	Manual at 7	31.77	34.15	61.935	45.4	11.87	1.881	2.293
OFF	2017/3/24 15:13:14	0	118.1	1	1106.3	Manual at 7	31.76	34.209	60.531	44.3	13.07	1.244	1.675
	2017/3/24 15:13:44	0	118.1	1	1106.3	Manual at 7	31.76	33.855	56.647	40	18.777	1.757	1.559
	2017/3/24 15:14:14	0	118	1	1106.3	Manual at 7	31.75	34.161	53.508	33.3	23.142	2.287	2.052
	2017/3/24 15:14:44	0	118.1	1	1106.3	Manual at 7	31.78	33.555	51.486	27.4	26.594	3.193	2.624
	2017/3/24 15:15:14	0	118.2	1	1106.3	Manual at 7	31.76	34.214	49.654	26.3	29.266	3.935	3.443
	2017/3/24 15:15:44	0	118.2	1.1	1106.3	Manual at 7	31.75	34.033	52.309	38.3	2.994	4.489	4.007

ON	2017/3/24 15:16:14	0.78	117.8	62.5	1106.3	Manual at 7	31.76	34.017	60.448	41.7	2.317	4.316	4.239
	2017/3/24 15:16:44	0.77	117.8	60.3	1106.3	Manual at 7	31.74	34.28	59.628	42	7.928	3.471	4.095
	2017/3/24 15:17:14	0.77	117.7	60	1106.3	Manual at 7	31.7	33.786	61.015	43.7	10.485	2.984	3.571
	2017/3/24 15:17:44	0.77	117.7	59.7	1106.3	Manual at 7	31.72	33.878	60.647	44.4	11.608	2.576	3.17
	2017/3/24 15:18:14	0.77	117.7	59.8	1106.3	Manual at 7	31.67	34.375	60.804	45.1	11.937	2.188	2.646
	2017/3/24 15:18:44	0.77	117.7	60	1106.31	Manual at 7	31.69	34.407	61.506	45.6	11.752	1.806	2
OFF	2017/3/24 15:19:14	0	118.1	1	1106.31	Manual at 7	31.7	34.261	59.043	42.6	15.615	1.358	1.402
	2017/3/24 15:19:44	0	118.1	1	1106.31	Manual at 7	31.7	34.442	55.133	37.8	20.765	1.942	1.674
	2017/3/24 15:20:14	0	118.2	1	1106.31	Manual at 7	31.69	34.184	52.26	29.2	24.69	2.469	2.17
	2017/3/24 15:20:44	0	118.2	1	1106.31	Manual at 7	31.74	34.165	50.737	26.8	27.84	3.446	3.06
	2017/3/24 15:21:14	0	118.2	1	1106.31	Manual at 7	31.73	33.99	49.14	26.6	30.19	4.047	3.598
ON	2017/3/24 15:21:44	0.9	117.7	79.5	1106.31	Manual at 7	31.7	34.5	59.379	41.6	-3.155	4.367	3.819
	2017/3/24 15:22:14	0.77	117.8	60.3	1106.31	Manual at 7	31.74	34.258	61.368	41.5	4.887	3.766	3.915
	2017/3/24 15:22:44	0.77	117.7	60.4	1106.31	Manual at 7	31.75	34.402	59.86	42.8	9.122	2.995	3.824
	2017/3/24 15:23:14	0.77	117.7	60.1	1106.31	Manual at 7	31.76	33.822	60.981	44	10.916	2.838	3.326
	2017/3/24 15:23:44	0.77	117.7	60	1106.31	Manual at 7	31.79	34.064	61.59	44.7	11.717	2.484	2.918
	2017/3/24 15:24:14	0.77	117.7	60	1106.31	Manual at 7	31.77	34.272	62.033	45.2	11.793	1.768	2.309
	2017/3/24 15:24:44	0.77	117.7	60.1	1106.31	Manual at 7	31.75	34.136	60.774	44.5	12.687	1.402	1.672
OFF	2017/3/24 15:25:14	0	118.2	1	1106.31	Manual at 7	31.77	34.421	56.345	40.4	18.394	1.581	1.508
	2017/3/24 15:25:44	0	118.2	1	1106.31	Manual at 7	31.76	33.995	53.371	34.1	22.754	2.442	1.918
	2017/3/24 15:26:14	0	118.1	1	1106.31	Manual at 7	31.74	33.881	51.038	27.9	26.285	3.116	2.604
	2017/3/24 15:26:44	0	118.1	1	1106.31	Manual at 7	31.74	33.968	49.361	26.6	29.091	3.98	3.281
	2017/3/24 15:27:14	0	118.1	1	1106.31	Manual at 7	31.74	34.154	49.065	32.5	20.653	4.31	3.815
ON	2017/3/24 15:27:44	0.81	117.7	66.7	1106.31	Manual at 7	31.72	34.327	60.43	41.7	1.314	4.193	4.175
	2017/3/24 15:28:14	0.77	117.7	60.3	1106.31	Manual at 7	31.73	33.638	61.092	41.8	7.427	3.312	3.951
	2017/3/24 15:28:44	0.77	117.7	60.4	1106.31	Manual at 7	31.7	33.915	61.246	43.6	10.291	2.819	3.546
	2017/3/24 15:29:14	0.77	117.7	59.7	1106.31	Manual at 7	31.77	34.595	61.637	44.3	11.528	2.672	3.005
	2017/3/24 15:29:44	0.77	117.7	59.7	1106.31	Manual at 7	31.72	34.383	62.006	44.9	11.913	2.153	2.583
	2017/3/24 15:30:14	0.77	117.9	59.8	1106.31	Manual at 7	31.74	34.255	61.765	45.5	11.746	1.723	1.963
OFF	2017/3/24 15:30:44	0	118.2	1	1106.31	Manual at 7	31.75	34.061	59.057	42.7	15.311	1.27	1.467
	2017/3/24 15:31:14	0	118.1	1	1106.31	Manual at 7	31.75	34.314	54.755	37.9	20.447	1.609	1.651
	2017/3/24 15:31:44	0	118.1	1	1106.31	Manual at 7	31.76	34.25	52.389	29.3	24.237	2.462	2.218

	2017/3/24 15:32:14	0	118.1	1	1106.31	Manual at 7	31.78	33.963	50.559	26.6	27.499	3.425	2.821
	2017/3/24 15:32:44	0	117.9	1	1106.31	Manual at 7	31.77	34.029	49.253	26.4	29.932	3.946	3.618
ON	2017/3/24 15:33:14	0.9	117.6	80.6	1106.31	Manual at 7	31.79	34.005	58.05	41.2	-3.078	4.477	4.116
	2017/3/24 15:33:44	0.77	117.7	60.5	1106.31	Manual at 7	31.75	34.327	60.596	41.6	4.401	3.824	4.119
	2017/3/24 15:34:14	0.77	117.7	60	1106.31	Manual at 7	31.77	34.276	60.96	42.5	8.32	3.025	3.853
	2017/3/24 15:34:44	0.77	117.7	60.5	1106.31	Manual at 7	31.78	34.353	60.859	43.9	10.618	2.753	3.32
	2017/3/24 15:35:14	0.77	117.8	59.8	1106.31	Manual at 7	31.79	33.987	61.703	44.5	11.607	2.523	2.802
	2017/3/24 15:35:44	0.77	117.8	60.5	1106.32	Manual at 7	31.78	34.659	61.679	45.1	11.689	1.716	2.377
	2017/3/24 15:36:14	0.77	117.9	60	1106.32	Manual at 7	31.78	34.59	61.426	45.1	11.883	1.441	1.62
OFF	2017/3/24 15:36:44	0	118.1	1	1106.32	Manual at 7	31.78	33.808	57.438	40.9	17.504	1.382	1.501
	2017/3/24 15:37:14	0	118.1	1	1106.32	Manual at 7	31.75	34.134	53.966	35.2	22.085	2.011	1.796
	2017/3/24 15:37:44	0	117.9	1	1106.32	Manual at 7	31.8	33.826	51.927	27.8	25.734	2.869	2.677
	2017/3/24 15:38:14	0	118	1	1106.32	Manual at 7	31.79	34.095	49.766	26.3	28.682	3.699	3.271
	2017/3/24 15:38:44	0	118	1	1106.32	Manual at 7	31.77	34.446	48.717	26.5	30.822	4.377	3.679
ON	2017/3/24 15:39:14	0.86	117.7	74.6	1106.32	Manual at 7	31.74	34.097	60.203	41.6	-0.773	4.265	3.911
	2017/3/24 15:39:44	0.77	117.7	59.7	1106.32	Manual at 7	31.76	34.257	60.35	41.5	6.486	3.487	3.973
	2017/3/24 15:40:14	0.77	117.7	60	1106.32	Manual at 7	31.81	34.143	60.491	43.2	9.914	2.938	3.662
	2017/3/24 15:40:44	0.77	117.9	60	1106.32	Manual at 7	31.81	34.549	61.165	44.1	11.47	2.558	3.172
	2017/3/24 15:41:14	0.77	117.9	60	1106.32	Manual at 7	31.79	34.374	61.438	44.8	12	2.294	2.636
	2017/3/24 15:41:44	0.77	117.9	60.3	1106.32	Manual at 7	31.8	34.252	61.728	45.3	11.852	1.848	2.181
OFF	2017/3/24 15:42:14	0	118.2	1	1106.32	Manual at 7	31.75	33.975	60.021	43.8	13.756	1.29	1.764
	2017/3/24 15:42:44	0	118	1	1106.32	Manual at 7	31.76	33.858	56.181	39.4	19.081	1.599	1.498
	2017/3/24 15:43:14	0	118	1	1106.32	Manual at 7	31.74	34.435	52.461	32.4	23.378	2.271	2.132
	2017/3/24 15:43:44	0	118	1	1106.32	Manual at 7	31.74	34.254	51.158	27.1	26.704	3.234	2.597
	2017/3/24 15:44:14	0	118	1	1106.32	Manual at 7	31.73	34.214	49.227	26.2	29.344	4.225	3.3
	2017/3/24 15:44:44	0	118	1.1	1106.32	Manual at 7	31.74	34.44	52.752	38.5	2.599	4.496	3.929
ON	2017/3/24 15:45:14	0.78	117.7	62.2	1106.32	Manual at 7	31.77	34.305	60.39	41.6	2.499	4.189	4.223
	2017/3/24 15:45:44	0.77	117.8	60.4	1106.32	Manual at 7	31.76	33.864	61.076	41.9	7.862	3.441	3.968
	2017/3/24 15:46:14	0.77	117.9	60	1106.32	Manual at 7	31.77	34.672	61.177	43.7	10.433	2.936	3.263
	2017/3/24 15:46:44	0.77	117.8	59.7	1106.32	Manual at 7	31.75	34.826	61.534	44.3	11.517	2.616	3.031
	2017/3/24 15:47:14	0.77	117.8	59.7	1106.32	Manual at 7	31.77	34.45	61.14	45.1	11.927	1.894	2.501
	2017/3/24 15:47:44	0.77	117.7	60	1106.32	Manual at 7	31.76	34.373	62.078	45.5	11.718	1.484	1.978

OFF	2017/3/24 15:48:14	0	118	1	1106.32	Manual at 7	31.75	33.953	59.063	42	15.96	1.192	1.437
	2017/3/24 15:48:44	0	118	1	1106.32	Manual at 7	31.73	34.567	55.191	37.2	20.956	1.897	1.61
	2017/3/24 15:49:14	0	118	1	1106.32	Manual at 7	31.75	34.192	52.696	28.4	24.725	2.636	2.134
	2017/3/24 15:49:44	0	118	1	1106.32	Manual at 7	31.77	33.884	50.828	26.7	27.761	3.613	3.143
	2017/3/24 15:50:14	0	118.1	1	1106.32	Manual at 7	31.76	34.785	49.36	26.6	30.026	4.227	3.599
ON	2017/3/24 15:50:44	0.9	117.7	80.5	1106.32	Manual at 7	31.77	34.044	58.846	41.4	-2.99	4.562	4.016
	2017/3/24 15:51:14	0.77	117.8	60.6	1106.32	Manual at 7	31.76	34.44	60.926	41.6	4.902	3.859	4.194
	2017/3/24 15:51:44	0.77	117.8	60.3	1106.32	Manual at 7	31.74	34.004	61.328	42.5	9.025	3.267	3.789
	2017/3/24 15:52:14	0.77	117.8	60	1106.32	Manual at 7	31.8	34.666	61.418	43.9	10.969	3.041	3.384
	2017/3/24 15:52:44	0.77	117.7	59.7	1106.32	Manual at 7	31.8	34.009	61.561	44.6	11.772	2.369	2.883
	2017/3/24 15:53:14	0.77	117.7	60.1	1106.33	Manual at 7	31.8	34.384	62.135	45.1	11.775	1.848	2.503
	2017/3/24 15:53:44	0.77	117.7	60.4	1106.33	Manual at 7	31.76	34.605	61.323	44.2	13.021	1.239	1.775
OFF	2017/3/24 15:54:14	0	118.1	1	1106.33	Manual at 7	31.81	34.756	56.272	40	18.548	1.607	1.574
	2017/3/24 15:54:44	0	118.1	1	1106.33	Manual at 7	31.79	34.323	53.536	33.6	22.796	2.222	1.885
	2017/3/24 15:55:14	0	118.1	1	1106.33	Manual at 7	31.74	34.222	51.317	27.6	26.166	2.933	2.588
	2017/3/24 15:55:44	0	118.1	1	1106.33	Manual at 7	31.8	34.291	50.158	26.4	28.886	3.907	3.387
	2017/3/24 15:56:14	0	118.1	1	1106.33	Manual at 7	31.76	34.384	49.96	35	15.581	4.269	3.785
ON	2017/3/24 15:56:44	0.81	117.8	66	1106.33	Manual at 7	31.74	34.45	60.751	41.6	2.282	4.143	4.09
	2017/3/24 15:57:14	0.77	117.8	59.6	1106.33	Manual at 7	31.75	34.291	60.898	41.7	7.039	3.324	3.913
	2017/3/24 15:57:44	0.77	117.7	59.8	1106.33	Manual at 7	31.75	34.368	61.317	43.5	9.984	2.78	3.442
	2017/3/24 15:58:14	0.77	117.7	59.5	1106.33	Manual at 7	31.7	34.582	61.474	44.2	11.317	2.432	2.876
	2017/3/24 15:58:44	0.77	117.7	59.8	1106.33	Manual at 7	31.72	34.263	61.616	45	11.787	1.902	2.454
	2017/3/24 15:59:14	0.77	117.7	60.1	1106.33	Manual at 7	31.7	34.253	61.979	45.5	11.658	1.227	1.942
OFF	2017/3/24 15:59:44	0	118.1	1	1106.33	Manual at 4	31.69	34.66	58.42	41.9	16.08	1.196	1.55
	2017/3/24 16:00:14	0	118.2	1	1106.33	Manual at 4	31.7	34.248	54.621	37.1	20.913	2.02	1.817
	2017/3/24 16:00:44	0	118.2	1	1106.33	Manual at 4	31.73	34.617	52.566	28.2	24.653	2.72	2.327
	2017/3/24 16:01:14	0	118.2	1	1106.33	Manual at 4	31.77	34.625	50.615	26.5	27.67	3.703	2.944
	2017/3/24 16:01:44	0	118.2	1	1106.33	Manual at 4	31.81	34.322	49.869	26.5	29.922	3.938	3.664
	2017/3/24 16:02:14	0	118.2	1	1106.33	Manual at 4	31.8	34.439	47.917	27.2	31.735	4.545	4.029
	2017/3/24 16:02:44	0	118.1	1	1106.33	Manual at 4	31.79	34.511	47.236	27.9	32.956	5.008	4.476
	2017/3/24 16:03:14	0	118.1	1	1106.33	Manual at 4	31.78	34.439	46.821	28.4	33.865	5.416	4.989
	2017/3/24 16:03:44	0	118.1	1	1106.33	Manual at 4	31.74	34.625	46.59	29	34.585	5.96	5.425

	2017/3/24 16:04:14	0	118.1	1	1106.33	Manual at 4	31.76	34.516	46.132	29.6	35.287	6.435	5.846
	2017/3/24 16:04:44	0	118.1	1	1106.33	Manual at 4	31.78	34.014	46.098	30.2	35.726	6.789	6.162
	2017/3/24 16:05:14	0	118.1	1	1106.33	Manual at 4	31.74	34.056	45.022	30.8	36.231	7.177	6.659
	2017/3/24 16:05:44	0	118.1	1	1106.33	Manual at 4	31.75	33.883	44.996	31.2	36.478	7.663	7.131
	2017/3/24 16:06:14	0	118.1	1	1106.33	Manual at 4	31.74	33.681	44.882	31.6	36.761	7.976	7.376
	2017/3/24 16:06:44	0	118	1	1106.33	Manual at 4	31.76	34.091	44.841	32	36.872	8.355	7.714
	2017/3/24 16:07:14	0	118	1	1106.33	Manual at 4	31.75	33.458	44.75	32.3	37.038	8.693	8.11
ON	2017/3/24 16:07:44	0.8	117.7	64.6	1106.33	Manual at 4	31.75	33.891	58.162	38.2	6.884	8.504	8.303
	2017/3/24 16:08:14	0.76	117.7	58.6	1106.33	Manual at 4	31.73	33.87	58.736	37.9	11.998	7.507	8.104
	2017/3/24 16:08:44	0.77	117.7	59.6	1106.33	Manual at 4	31.73	34.123	59.367	40.2	13.881	6.829	7.607
	2017/3/24 16:09:14	0.77	117.7	59.6	1106.33	Manual at 4	31.72	33.663	59.736	41.7	14.629	6.022	6.733
	2017/3/24 16:09:44	0.77	117.9	60	1106.33	Manual at 4	31.7	34.24	59.582	42.8	14.73	5.274	6.032
	2017/3/24 16:10:14	0.77	117.9	60.1	1106.33	Manual at 4	31.72	34.527	60.642	43.5	14.517	4.827	5.396
	2017/3/24 16:10:44	0.77	117.9	60.1	1106.33	Manual at 4	31.74	34.194	60.24	43.3	15.064	4.344	4.592
OFF	2017/3/24 16:11:14	0	118.2	1	1106.33	Manual at 4	31.76	34.325	56.292	39.5	19.886	3.956	4.354
	2017/3/24 16:11:44	0	118.2	1.1	1106.33	Manual at 4	31.75	34.034	53.595	33.5	23.545	4.342	4.519
	2017/3/24 16:12:14	0	118.1	1.1	1106.33	Manual at 4	31.79	33.727	50.764	26.6	26.602	5.095	4.991
	2017/3/24 16:12:44	0	118.1	1	1106.33	Manual at 4	31.78	33.886	49.452	25.9	29.126	5.843	5.683
	2017/3/24 16:13:14	0	118.1	1	1106.33	Manual at 4	31.77	34.221	47.967	26.4	31.217	6.499	6.007
	2017/3/24 16:13:44	0	118.1	1	1106.33	Manual at 4	31.79	34.257	47.175	27	32.683	6.918	6.305
	2017/3/24 16:14:14	0	118	1.1	1106.33	Manual at 4	31.8	33.949	46.313	27.8	33.894	7.562	6.812
	2017/3/24 16:14:44	0	118	1	1106.33	Manual at 4	31.76	33.843	45.933	28.5	34.802	7.83	7.387
	2017/3/24 16:15:14	0	118	1	1106.33	Manual at 4	31.74	34.148	45.497	29.2	35.562	8.145	7.775
	2017/3/24 16:15:44	0	118	1	1106.33	Manual at 4	31.77	33.885	44.939	29.8	36.102	8.626	8.057
	2017/3/24 16:16:14	0	118	1.1	1106.33	Manual at 4	31.74	33.758	49.052	35.8	9.552	8.974	8.381
ON	2017/3/24 16:16:44	0.77	117.7	60.5	1106.33	Manual at 4	31.73	34.151	57.688	38.7	8.393	8.391	8.509
	2017/3/24 16:17:14	0.77	117.9	59.1	1106.33	Manual at 4	31.75	34.393	58.761	39	12.481	7.696	8.107
	2017/3/24 16:17:44	0.77	117.9	59.6	1106.33	Manual at 4	31.76	33.944	59.672	41.2	14.03	6.817	7.454
	2017/3/24 16:18:14	0.77	117.9	59.7	1106.33	Manual at 4	31.77	34.218	59.662	42.4	14.746	5.932	6.764
	2017/3/24 16:18:44	0.77	117.8	59.6	1106.33	Manual at 4	31.76	33.752	60.323	43.3	14.896	5.524	6.139
	2017/3/24 16:19:14	0.77	117.9	60.1	1106.34	Manual at 4	31.79	34.141	59.796	44.1	14.645	4.977	5.53
	2017/3/24 16:19:44	0.77	117.9	60.1	1106.34	Manual at 4	31.8	34.422	59.667	43.6	15.249	4.34	4.973

OFF	2017/3/24 16:20:14	0	118.1	1.1	1106.34	Manual at 4	31.8	34.093	55.967	39.5	19.978	4.144	4.571
	2017/3/24 16:20:44	0	118.1	1	1106.34	Manual at 4	31.76	33.79	52.872	33.6	23.666	4.74	4.799
	2017/3/24 16:21:14	0	118.1	1	1106.34	Manual at 4	31.77	34.587	50.733	26.9	26.566	5.296	5.409
	2017/3/24 16:21:44	0	118.1	1.1	1106.34	Manual at 4	31.73	33.707	49.319	25.8	29.121	6.088	5.85
	2017/3/24 16:22:14	0	118	1	1106.34	Manual at 4	31.72	33.888	48.199	26.2	31.142	6.624	6.369
	2017/3/24 16:22:44	0	118	1.1	1106.34	Manual at 4	31.74	34.069	47.557	26.8	32.692	7.113	6.805
	2017/3/24 16:23:14	0	118	1.1	1106.34	Manual at 4	31.72	34.167	46.639	27.5	33.867	7.529	7.252
	2017/3/24 16:23:44	0	118	1	1106.34	Manual at 4	31.72	33.896	45.784	28.1	34.805	7.939	7.511
	2017/3/24 16:24:14	0	118	1	1106.34	Manual at 4	31.73	33.609	45.535	28.9	35.523	8.207	7.788
	2017/3/24 16:24:44	0	118	1.1	1106.34	Manual at 4	31.74	34.103	45.252	29.5	36.031	8.643	8.282
ON	2017/3/24 16:25:14	0.91	117.7	80.6	1106.34	Manual at 4	31.77	33.851	56.61	39.2	5.188	8.71	8.474
	2017/3/24 16:25:44	0.76	117.8	58.5	1106.34	Manual at 4	31.75	33.829	58.574	38.8	11.148	7.847	8.418
	2017/3/24 16:26:14	0.77	117.8	59.6	1106.34	Manual at 4	31.74	33.657	59.04	40.4	13.457	7.292	7.835
	2017/3/24 16:26:44	0.77	117.8	59.6	1106.34	Manual at 4	31.75	33.643	60.052	42	14.421	6.518	7.051
	2017/3/24 16:27:14	0.77	117.8	60	1106.34	Manual at 4	31.75	33.957	60.181	42.9	14.738	5.731	6.428
	2017/3/24 16:27:44	0.77	117.8	59.8	1106.34	Manual at 4	31.77	33.997	60.368	43.9	14.771	5.204	5.853
	2017/3/24 16:28:14	0.77	117.8	59.6	1106.34	Manual at 4	31.78	34.244	60.763	44.6	14.509	4.642	5.283
OFF	2017/3/24 16:28:44	0	118.2	1.1	1106.34	Manual at 4	31.8	34.066	57.288	41.8	17.76	4.436	4.65
	2017/3/24 16:29:14	0	118.1	1	1106.34	Manual at 4	31.79	34.252	54.153	37.2	21.969	4.628	4.602
	2017/3/24 16:29:44	0	117.9	1	1106.34	Manual at 4	31.78	34.095	51.781	28.9	25.112	5.184	4.996
	2017/3/24 16:30:14	0	118	1.1	1106.34	Manual at 4	31.81	34.539	49.926	26.2	27.85	5.832	5.669
	2017/3/24 16:30:44	0	118	1	1106.34	Manual at 4	31.77	34.489	48.497	26	30.153	6.463	6.046
	2017/3/24 16:31:14	0	118	1.1	1106.34	Manual at 4	31.76	34.441	47.538	26.5	31.95	6.987	6.534
	2017/3/24 16:31:44	0	118	1	1106.34	Manual at 4	31.76	34.098	46.621	27.2	33.388	7.334	7.104
	2017/3/24 16:32:14	0	118	1	1106.34	Manual at 4	31.74	33.822	46.224	27.8	34.473	7.655	7.475
	2017/3/24 16:32:44	0	118	1.1	1106.34	Manual at 4	31.73	34.289	45.61	28.4	35.215	8.082	7.776
	2017/3/24 16:33:14	0	118.2	1	1106.34	Manual at 4	31.7	33.415	45.271	29	35.877	8.512	8.095
	2017/3/24 16:33:44	0	118.2	1.1	1106.34	Manual at 4	31.69	33.976	49.833	36.9	6.392	8.78	8.642
ON	2017/3/24 16:34:14	0.77	117.8	59.7	1106.34	Manual at 4	31.7	34.005	58.088	39	8.999	8.33	8.625
	2017/3/24 16:34:44	0.77	117.8	59.6	1106.34	Manual at 4	31.72	33.691	57.873	39.4	12.512	7.663	8.279
	2017/3/24 16:35:14	0.77	117.8	59.7	1106.34	Manual at 4	31.69	34.077	59.09	41.6	13.995	6.859	7.441
	2017/3/24 16:35:44	0.77	117.8	59.8	1106.34	Manual at 4	31.72	34.289	59.204	42.7	14.629	6.144	6.713

	2017/3/24 16:36:14	0.77	117.8	59.7	1106.34	Manual at 4	31.74	34.258	59.156	43.6	14.735	5.539	6.143
	2017/3/24 16:36:44	0.77	117.8	59.8	1106.34	Manual at 4	31.77	34.55	60.366	44.3	14.596	4.983	5.468
	2017/3/24 16:37:14	0.77	117.8	60.1	1106.34	Manual at 4	31.73	34.228	60.353	44.2	14.596	4.545	4.884
OFF	2017/3/24 16:37:44	0	117.9	1	1106.34	Manual at 4	31.76	34.473	56.24	40.2	19.388	4.271	4.552
	2017/3/24 16:38:14	0	118	1.1	1106.34	Manual at 4	31.74	34.337	52.875	34.5	23.182	4.684	4.53
	2017/3/24 16:38:44	0	118	1	1106.34	Manual at 4	31.77	34.069	50.539	27	26.17	5.494	5.141
	2017/3/24 16:39:14	0	118	1	1106.34	Manual at 4	31.76	34.066	49.164	25.9	28.749	6.287	5.761
	2017/3/24 16:39:44	0	118	1.1	1106.34	Manual at 4	31.76	34.385	48.083	26.4	30.887	6.705	6.517
	2017/3/24 16:40:14	0	118	1	1106.34	Manual at 4	31.78	33.928	46.984	26.8	32.551	7.202	6.83
	2017/3/24 16:40:44	0	118.2	1.1	1106.34	Manual at 4	31.75	34.018	46.255	27.5	33.867	7.451	7.173
	2017/3/24 16:41:14	0	118.1	1	1106.34	Manual at 4	31.76	34.077	45.75	28.1	34.898	8.009	7.414
	2017/3/24 16:41:44	0	118.1	1	1106.34	Manual at 4	31.72	33.822	45.688	28.7	35.672	8.425	8
	2017/3/24 16:42:14	0	118.1	1.1	1106.34	Manual at 4	31.74	33.646	44.685	29.4	36.308	8.693	8.424
ON	2017/3/24 16:42:44	0.9	117.7	80.2	1106.34	Manual at 4	31.75	33.744	56.802	39.4	4.211	8.623	8.516
	2017/3/24 16:43:14	0.76	117.8	58.4	1106.34	Manual at 4	31.75	34.151	57.24	39	11.028	8.09	8.346
	2017/3/24 16:43:44	0.77	117.8	59.7	1106.34	Manual at 4	31.73	34.531	58.359	40.6	13.317	7.359	7.815
	2017/3/24 16:44:14	0.77	117.8	60.1	1106.35	Manual at 4	31.73	33.755	59.68	42.1	14.339	6.463	7.101
	2017/3/24 16:44:44	0.77	117.8	59.8	1106.35	Manual at 4	31.76	34.457	59.586	43.1	14.738	5.907	6.476
	2017/3/24 16:45:14	0.77	117.8	60.3	1106.35	Manual at 4	31.74	34.13	60.196	43.9	14.713	5.363	5.881
	2017/3/24 16:45:44	0.77	117.7	60	1106.35	Manual at 4	31.76	34.218	60.232	44.7	14.498	4.827	5.25
OFF	2017/3/24 16:46:14	0	118.1	1.1	1106.35	Manual at 4	31.74	34.473	57.648	42	17.396	4.296	4.68
	2017/3/24 16:46:44	0	118.1	1.1	1106.35	Manual at 4	31.75	33.845	53.355	37.6	21.658	4.433	4.616
	2017/3/24 16:47:14	0	118.1	1	1106.35	Manual at 4	31.73	33.985	51.382	29.5	24.882	5.262	5.002
	2017/3/24 16:47:44	0	118.1	1.1	1106.35	Manual at 4	31.7	34.113	49.117	26.5	27.695	5.684	5.56
	2017/3/24 16:48:14	0	118.1	1.1	1106.35	Manual at 4	31.7	34.299	48.188	26.2	29.878	6.351	5.987
	2017/3/24 16:48:44	0	118.2	1	1106.35	Manual at 4	31.7	34.103	47.112	26.9	31.732	6.987	6.456
	2017/3/24 16:49:14	0	118.1	1.1	1106.35	Manual at 4	31.7	33.768	46.257	27.4	33.235	7.308	6.799
	2017/3/24 16:49:44	0	118.1	1	1106.35	Manual at 4	31.72	34.18	45.898	28.1	34.475	7.833	7.545
	2017/3/24 16:50:14	0	118.1	1.1	1106.35	Manual at 4	31.72	34.002	45.515	28.7	35.343	8.188	7.916
	2017/3/24 16:50:44	0	118.1	1.1	1106.35	Manual at 4	31.74	33.577	45.08	29.4	36.111	8.503	8.097
	2017/3/24 16:51:14	0	118.1	1	1106.35	Manual at 4	31.7	34.26	48.563	35.8	12.307	8.939	8.525
ON	2017/3/24 16:51:44	0.77	117.8	60	1106.35	Manual at 4	31.76	33.806	57.426	39	8.851	8.299	8.631

	2017/3/24 16:52:14	0.77	117.8	60	1106.35	Manual at 4	31.77	33.768	58.301	39.3	12.49	7.484	8.218
	2017/3/24 16:52:44	0.77	117.8	59.6	1106.35	Manual at 4	31.77	34.111	58.732	41.5	14.058	6.714	7.374
	2017/3/24 16:53:14	0.77	117.8	59.6	1106.35	Manual at 4	31.77	33.689	59.307	42.5	14.685	6.044	6.824
	2017/3/24 16:53:44	0.77	117.7	59.7	1106.35	Manual at 4	31.78	34.265	59.801	43.5	14.77	5.497	6.101
	2017/3/24 16:54:14	0.77	117.7	60.1	1106.35	Manual at 4	31.82	33.888	60.413	44.3	14.627	4.994	5.621
	2017/3/24 16:54:44	0.77	117.7	60	1106.35	Manual at 4	31.78	34.249	60.417	44.3	14.707	4.469	5.116
OFF	2017/3/24 16:55:14	0	118.1	1	1106.35	Manual at 4	31.81	34.253	55.975	40.3	19.448	4.441	4.658
	2017/3/24 16:55:44	0	118.1	1.1	1106.35	Manual at 4	31.8	34.661	52.732	34.7	23.16	4.919	4.795
	2017/3/24 16:56:14	0	118.1	1.1	1106.35	Manual at 4	31.8	34.04	50.84	27	26.229	5.413	5.309
	2017/3/24 16:56:44	0	118.1	1	1106.35	Manual at 4	31.81	34.194	49.107	26	28.71	6.083	5.794
	2017/3/24 16:57:14	0	118.1	1	1106.35	Manual at 4	31.79	33.846	47.86	26.2	30.701	6.75	6.216
	2017/3/24 16:57:44	0	118.1	1.1	1106.35	Manual at 4	31.8	34.226	46.632	26.9	32.28	7.08	6.838
	2017/3/24 16:58:14	0	118.1	1.1	1106.35	Manual at 4	31.81	33.923	46.119	27.5	33.687	7.937	7.277
	2017/3/24 16:58:44	0	118.1	1.1	1106.35	Manual at 4	31.8	33.708	46.002	28.2	34.801	8.221	7.623
	2017/3/24 16:59:14	0	118.1	1.1	1106.35	Manual at 4	31.79	34.33	45.354	28.8	35.67	8.509	7.952
	2017/3/24 16:59:44	0	118.1	1	1106.35	Manual at 4	31.74	33.907	45.131	29.5	36.239	8.844	8.391
ON	2017/3/24 17:00:14	0.91	117.7	81	1106.35	Manual at 4	31.78	33.913	56.57	39.3	4.184	9.064	8.53
	2017/3/24 17:00:44	0.76	117.8	58.3	1106.35	Manual at 4	31.77	33.958	57.567	38.9	11.048	7.995	8.58
	2017/3/24 17:01:14	0.77	117.8	59.6	1106.35	Manual at 4	31.76	34.072	58.564	40.4	13.438	7.412	7.936
	2017/3/24 17:01:44	0.77	117.7	59.7	1106.35	Manual at 4	31.73	34.096	58.676	42	14.468	6.51	7.229
	2017/3/24 17:02:14	0.77	117.7	59.8	1106.35	Manual at 4	31.73	33.897	59.329	43.1	14.837	5.915	6.607
	2017/3/24 17:02:44	0.77	117.7	59.6	1106.35	Manual at 4	31.75	34.181	59.999	43.8	14.842	5.212	5.956
	2017/3/24 17:03:14	0.77	117.7	60	1106.35	Manual at 4	31.74	34.024	60.252	44.5	14.55	4.905	5.264
OFF	2017/3/24 17:03:44	0	118.1	1	1106.35	Manual at 4	31.73	34.125	58.83	42.8	16.457	4.486	4.725
	2017/3/24 17:04:14	0	118.1	1.1	1106.35	Manual at 4	31.73	33.968	54.588	38.6	21.022	4.296	4.68
	2017/3/24 17:04:44	0	118.1	1	1106.35	Manual at 4	31.75	34.329	51.659	31.6	24.354	5.251	5.041
	2017/3/24 17:05:14	0	118.1	1	1106.35	Manual at 4	31.76	33.927	49.389	26.8	27.268	5.656	5.417
	2017/3/24 17:05:44	0	118.1	1.1	1106.35	Manual at 4	31.77	34.167	48.349	26.1	29.518	6.471	6.135
	2017/3/24 17:06:14	0	118.1	1	1106.35	Manual at 4	31.79	33.654	47.531	26.5	31.402	6.756	6.498
	2017/3/24 17:06:44	0	118.1	1.1	1106.35	Manual at 4	31.82	33.963	46.792	27.1	32.939	7.378	7.14
	2017/3/24 17:07:14	0	118.1	1.1	1106.35	Manual at 4	31.82	34.088	46.333	27.7	34.115	7.68	7.567
	2017/3/24 17:07:44	0	118.1	1	1106.35	Manual at 4	31.76	34.056	45.68	28.4	35.076	8.238	7.827

	2017/3/24 17:08:14	0	118.1	1.1	1106.35	Manual at 4	31.76	33.674	45.212	29	35.955	8.537	8.25
	2017/3/24 17:08:44	0	118.1	1.1	1106.35	Manual at 4	31.77	33.913	44.992	29.6	36.479	8.905	8.638
ON	2017/3/24 17:09:14	0.8	117.7	64.5	1106.36	Manual at 4	31.77	34.019	57.214	39.2	7.434	8.573	8.592
	2017/3/24 17:09:44	0.77	117.7	59.2	1106.36	Manual at 4	31.76	33.652	58.221	39	12.075	7.775	8.39
	2017/3/24 17:10:14	0.77	117.7	59.7	1106.36	Manual at 4	31.75	34.001	58.393	41	13.868	7.18	7.591
	2017/3/24 17:10:44	0.77	117.7	60.3	1106.36	Manual at 4	31.75	33.945	59.471	42.4	14.654	6.194	6.997
	2017/3/24 17:11:14	0.77	117.7	59.8	1106.36	Manual at 4	31.72	33.644	59.809	43.3	14.915	5.775	6.468
	2017/3/24 17:11:44	0.77	117.7	60	1106.36	Manual at 4	31.73	34.322	59.865	44.2	14.805	4.98	5.745
	2017/3/24 17:12:14	0.77	117.7	60.1	1106.36	Manual at 4	31.74	33.607	60.697	44.7	14.48	4.578	5.161
OFF	2017/3/24 17:12:44	0	118.1	1.1	1106.36	Manual at 4	31.73	34.335	56.618	41.6	18.028	4.355	4.544
	2017/3/24 17:13:14	0	118.1	1.1	1106.36	Manual at 4	31.72	34.182	53.582	37	22.113	4.545	4.684
	2017/3/24 17:13:44	0	118.1	1.1	1106.36	Manual at 4	31.75	33.717	51.253	28.4	25.228	5.028	4.846
	2017/3/24 17:14:14	0	118.1	1.1	1106.36	Manual at 4	31.72	33.953	49.71	26.1	27.886	6.013	5.435
	2017/3/24 17:14:44	0	118.1	1	1106.36	Manual at 4	31.69	33.85	48.247	25.9	29.987	6.395	6.256
	2017/3/24 17:15:14	0	118.1	1.1	1106.36	Manual at 4	31.76	33.581	47.477	26.4	31.731	6.934	6.437
	2017/3/24 17:15:44	0	118.1	1	1106.36	Manual at 4	31.76	33.863	46.767	27.1	33.187	7.434	6.909
	2017/3/24 17:16:14	0	118.1	1.1	1106.36	Manual at 4	31.75	33.873	46.412	27.8	34.418	7.962	7.467
	2017/3/24 17:16:44	0	118.1	1.1	1106.36	Manual at 4	31.76	33.693	45.78	28.4	35.275	8.21	7.773
	2017/3/24 17:17:14	0	118	1.1	1106.36	Manual at 4	31.72	33.738	45.324	28.9	35.968	8.629	8.179
	2017/3/24 17:17:44	0	118	1.1	1106.36	Manual at 4	31.75	34.03	51.119	37.6	4.377	9.101	8.613
ON	2017/3/24 17:18:14	0.77	117.8	59.4	1106.36	Manual at 4	31.75	34.086	57.889	39	9.215	8.285	8.606
	2017/3/24 17:18:44	0.77	117.8	59.5	1106.36	Manual at 4	31.76	34.099	58.195	39.4	12.709	7.854	8.171
	2017/3/24 17:19:14	0.77	117.8	59.6	1106.36	Manual at 4	31.74	34.275	58.96	41.6	14.127	6.649	7.47
	2017/3/24 17:19:44	0.77	117.8	60	1106.36	Manual at 4	31.77	34.216	59.456	42.7	14.665	6.05	6.715
	2017/3/24 17:20:14	0.77	117.9	59.8	1106.36	Manual at 4	31.75	33.81	60.096	43.6	14.881	5.489	6.143
	2017/3/24 17:20:44	0.77	117.9	60	1106.36	Manual at 4	31.73	34.203	59.899	44.4	14.791	4.987	5.558
	2017/3/24 17:21:14	0.77	117.9	60	1106.36	Manual at 4	31.76	34.405	60.342	44.8	14.444	4.431	4.896
OFF	2017/3/24 17:21:44	0	118.1	1.1	1106.36	Manual at 4	31.74	34.065	56.163	40.7	19.138	4.47	4.502
	2017/3/24 17:22:14	0	118.1	1.1	1106.36	Manual at 4	31.72	34.2	52.448	35.5	23.009	4.794	4.759
	2017/3/24 17:22:44	0	118.1	1	1106.36	Manual at 4	31.74	33.81	50.709	27.2	25.927	5.5	5.139
	2017/3/24 17:23:14	0	118.1	1.1	1106.36	Manual at 4	31.73	33.919	48.535	26	28.49	6.151	5.826
	2017/3/24 17:23:44	0	118.1	1.1	1106.36	Manual at 4	31.73	34.078	47.788	26.2	30.574	6.807	6.306

	2017/3/24 17:24:14	0	118.1	1	1106.36	Manual at 4	31.72	34.03	46.762	26.8	32.18	7.248	6.755
	2017/3/24 17:24:44	0	118.1	1.1	1106.36	Manual at 4	31.74	34.089	46.132	27.5	33.597	7.823	7.3
	2017/3/24 17:25:14	0	118	1.1	1106.36	Manual at 4	31.76	33.833	45.699	28.1	34.77	8.032	7.777
	2017/3/24 17:25:44	0	118	1.1	1106.36	Manual at 4	31.73	33.716	45.478	28.6	35.634	8.42	7.883
	2017/3/24 17:26:14	0	118	1.1	1106.36	Manual at 4	31.74	33.698	45.185	29.3	36.28	8.741	8.5
ON	2017/3/24 17:26:44	0.91	117.7	80.7	1106.36	Manual at 4	31.77	34.161	56.179	39.2	3.273	9.112	8.575
	2017/3/24 17:27:14	0.76	117.8	58.7	1106.36	Manual at 4	31.74	33.573	58.032	38.9	10.901	8.015	8.587
	2017/3/24 17:27:44	0.77	117.8	59.6	1106.36	Manual at 4	31.77	34.193	58.502	40.3	13.379	7.591	7.872
	2017/3/24 17:28:14	0.77	117.9	59.7	1106.36	Manual at 4	31.74	34.227	58.682	42.1	14.494	6.586	7.325
	2017/3/24 17:28:44	0.77	117.9	59.7	1106.36	Manual at 4	31.74	33.906	59.044	43	14.909	5.821	6.646
	2017/3/24 17:29:14	0.77	117.9	59.8	1106.37	Manual at 4	31.75	34.025	59.991	43.9	14.792	5.447	6.133
	2017/3/24 17:29:44	0.77	117.9	60.1	1106.37	Manual at 4	31.75	34.307	60.074	44.5	14.674	4.88	5.348
OFF	2017/3/24 17:30:14	0	118.2	1	1106.37	Manual at 4	31.77	34.025	59.488	43.5	15.906	4.233	4.829
	2017/3/24 17:30:44	0	118.2	1.1	1106.37	Manual at 4	31.74	33.807	54.815	39.4	20.474	4.235	4.65
	2017/3/24 17:31:14	0	118.1	1	1106.37	Manual at 4	31.67	34.153	52.06	32.9	23.953	4.931	4.698
	2017/3/24 17:31:44	0	118.1	1	1106.37	Manual at 4	31.72	33.812	49.899	26.9	26.794	5.729	5.345
	2017/3/24 17:32:14	0	118.1	1	1106.37	Manual at 4	31.69	33.911	48.727	25.9	29.16	6.293	6.077
	2017/3/24 17:32:44	0	118.1	1	1106.37	Manual at 4	31.64	33.433	47.937	26.4	31.101	6.692	6.208
	2017/3/24 17:33:14	0	118	1.1	1106.37	Manual at 4	31.65	33.919	46.7	27	32.593	7.357	6.705
	2017/3/24 17:33:44	0	118	1	1106.37	Manual at 4	31.67	34.222	46.431	27.6	33.917	7.608	7.21
	2017/3/24 17:34:14	0	118	1.1	1106.37	Manual at 4	31.63	33.781	45.97	28.1	34.879	8.264	7.601
	2017/3/24 17:34:44	0	118	1.1	1106.37	Manual at 4	31.63	33.824	45.335	28.8	35.677	8.515	8.123
	2017/3/24 17:35:14	0	118	1.1	1106.37	Manual at 4	31.67	34.209	45.119	29.4	36.328	8.886	8.52
ON	2017/3/24 17:35:44	0.85	117.7	72.5	1106.37	Manual at 4	31.66	34.066	57.606	39.2	6.569	8.733	8.547
	2017/3/24 17:36:14	0.77	117.9	59.1	1106.37	Manual at 4	31.68	33.911	57.5	39	11.972	7.918	8.496
	2017/3/24 17:36:44	0.77	117.9	59.7	1106.37	Manual at 4	31.68	34.002	58.965	40.9	13.879	7.312	7.74
	2017/3/24 17:37:14	0.77	117.9	59.8	1106.37	Manual at 4	31.69	34.278	59.499	42.3	14.565	6.248	6.951
	2017/3/24 17:37:44	0.77	117.9	59.6	1106.37	Manual at 4	31.69	34.1	59.459	43.3	14.871	5.628	6.538
	2017/3/24 17:38:14	0.77	117.9	60.1	1106.37	Manual at 4	31.7	34.191	59.76	44.1	14.781	5.156	5.875
	2017/3/24 17:38:44	0.77	117.9	59.8	1106.37	Manual at 4	31.7	34.424	60.049	44.7	14.584	4.685	5.247
OFF	2017/3/24 17:39:14	0	118.2	1	1106.37	Manual at 4	31.74	34.169	58.644	42.6	16.857	4.191	4.693
	2017/3/24 17:39:44	0	118.2	1.1	1106.37	Manual at 4	31.75	33.908	53.693	38.3	21.224	4.277	4.634

		2017/3/24 17:40:14	0	118.2	1	1106.37	Manual at 4	31.73	34.261	51.467	30.9	24.512	4.813	4.847
		2017/3/24 17:40:44	0	117.9	1	1106.37	Manual at 4	31.76	33.877	49.481	26.6	27.35	5.665	5.377
		2017/3/24 17:41:14	0	118	1.1	1106.37	Manual at 4	31.72	33.598	48.408	25.8	29.501	6.413	5.776
		2017/3/24 17:41:44	0	118	1.1	1106.37	Manual at 4	31.7	33.877	47.121	26.4	31.365	6.723	6.429
		2017/3/24 17:42:14	0	118	1.1	1106.37	Manual at 4	31.69	33.571	46.751	26.9	32.864	7.376	7.005
		2017/3/24 17:42:44	0	118	1.1	1106.37	Manual at 4	31.7	33.457	46.168	27.5	34.132	7.63	7.225
		2017/3/24 17:43:14	0	118	1.1	1106.37	Manual at 4	31.72	34.052	45.406	28.2	35.204	7.982	7.945
		2017/3/24 17:43:44	0	118	1.1	1106.37	Manual at 4	31.72	33.864	44.949	28.9	35.972	8.562	8.325
		2017/3/24 17:44:14	0	118.1	1.1	1106.37	Manual at 4	31.72	33.733	44.631	29.5	36.491	8.842	8.668
ON		2017/3/24 17:44:44	0.85	117.7	72.2	1106.37	Manual at 4	31.65	33.962	57.106	39.3	5.819	8.699	8.822
		2017/3/24 17:45:14	0.76	117.8	58.7	1106.37	Manual at 4	31.7	34.09	57.749	39	11.708	8.068	8.532
		2017/3/24 17:45:44	0.77	117.8	59.6	1106.37	Manual at 4	31.67	34.196	58.297	40.8	13.781	7.471	7.761
		2017/3/24 17:46:14	0.77	117.8	59.5	1106.37	Manual at 4	31.67	34.52	59.073	42.2	14.546	6.502	7.123
		2017/3/24 17:46:44	0.77	117.8	59.7	1106.37	Manual at 4	31.68	33.975	60.037	43.2	14.877	5.857	6.527
		2017/3/24 17:47:14	0.77	117.8	60.1	1106.37	Manual at 4	31.72	33.983	59.966	43.9	14.783	5.408	5.96
		2017/3/24 17:47:44	0.77	117.8	60	1106.37	Manual at 4	31.72	34.015	60.44	44.7	14.535	4.726	5.098
OFF		2017/3/24 17:48:14	0	118.2	1.1	1106.37	Manual at 4	31.69	33.999	57.759	42.2	17.302	4.074	4.648
		2017/3/24 17:48:44	0	118	1.1	1106.37	Manual at 4	31.68	34.416	53.94	37.7	21.58	4.585	4.675
		2017/3/24 17:49:14	0	118	1.1	1106.37	Manual at 4	31.69	34.109	51.128	29.8	24.742	5.286	4.934
		2017/3/24 17:49:44	0	118	1.1	1106.37	Manual at 4	31.72	34.202	49.645	26.4	27.47	6.026	5.748
		2017/3/24 17:50:14	0	118	1	1106.37	Manual at 4	31.68	33.989	48.515	26.1	29.623	6.481	6.298
		2017/3/24 17:50:44	0	118	1.1	1106.37	Manual at 4	31.67	34.04	47.65	26.6	31.45	7.148	6.683
		2017/3/24 17:51:14	0	118	1.1	1106.37	Manual at 4	31.68	33.766	46.538	27.1	32.968	7.519	7.049
		2017/3/24 17:51:44	0	118	1	1106.37	Manual at 4	31.69	33.955	46.289	27.8	34.159	7.849	7.387
		2017/3/24 17:52:14	0	118.2	1	1106.37	Manual at 4	31.72	34.19	45.736	28.4	35.144	8.111	7.806
		2017/3/24 17:52:44	0	118.2	1	1106.37	Manual at 4	31.73	34.188	45.095	29.1	35.971	8.582	8.258
		2017/3/24 17:53:14	0	118.1	1	1106.37	Manual at 4	31.7	33.896	46.053	33.9	30.474	8.822	8.472
ON		2017/3/24 17:53:44	0.79	117.8	62.2	1106.37	Manual at 4	31.7	33.939	57.607	39.1	8.709	8.636	8.694
		2017/3/24 17:54:14	0.77	117.8	59.3	1106.38	Manual at 4	31.73	33.498	58.514	39.2	12.618	7.686	8.362
		2017/3/24 17:54:44	0.77	117.8	59.7	1106.38	Manual at 4	31.73	34.082	58.825	41.3	14.162	6.924	7.527
		2017/3/24 17:55:14	0.77	117.8	59.8	1106.38	Manual at 4	31.73	33.641	59.653	42.4	14.757	6.02	6.935
		2017/3/24 17:55:44	0.77	117.8	59.8	1106.38	Manual at 4	31.74	33.75	60.083	43.4	15.003	5.615	6.296

	2017/3/24 17:56:14	0.77	117.8	60.1	1106.38	Manual at 4	31.75	34.354	59.367	44.2	14.837	4.97	5.754
	2017/3/24 17:56:44	0.77	117.7	60	1106.38	Manual at 4	31.72	33.798	60.07	44.8	14.517	4.498	5.098
OFF	2017/3/24 17:57:14	0	118.1	1	1106.38	Manual at 4	31.76	33.716	56.892	41.1	18.653	4.42	4.554
	2017/3/24 17:57:44	0	118.1	1.1	1106.38	Manual at 4	31.78	34.117	53.24	36.2	22.603	4.507	4.736
	2017/3/24 17:58:14	0	118.1	1.1	1106.38	Manual at 4	31.78	33.87	51.215	27.5	25.604	5.28	5.213
	2017/3/24 17:58:44	0	118.1	1	1106.38	Manual at 4	31.75	34.258	49.454	26.1	28.281	6.101	5.849
	2017/3/24 17:59:14	0	118.1	1.1	1106.38	Manual at 4	31.77	33.774	48.466	26.1	30.31	6.592	6.33
	2017/3/24 17:59:44	0	118.2	1	1106.38	Manual at 4	31.78	34.244	46.899	26.6	31.976	7.296	6.866
	2017/3/24 18:00:14	0	118.1	1	1106.38	Manual at 4	31.74	34.343	46.585	27.2	33.33	7.394	7.024
	2017/3/24 18:00:44	0	118.1	1.1	1106.38	Manual at 4	31.72	33.87	45.894	27.8	34.487	7.746	7.637
	2017/3/24 18:01:14	0	118.1	1	1106.38	Manual at 4	31.74	34.059	45.194	28.6	35.46	8.126	7.959
	2017/3/24 18:01:44	0	118.1	1	1106.38	Manual at 4	31.74	33.527	44.938	29.1	36.186	8.581	8.328
	2017/3/24 18:02:14	0	118.1	1.1	1106.38	Manual at 4	31.74	33.849	50.216	37.2	5.195	8.924	8.748
ON	2017/3/24 18:02:44	0.77	117.8	59.3	1106.38	Manual at 4	31.7	34.099	57.464	39	9.474	8.488	8.762
	2017/3/24 18:03:14	0.77	117.8	59.3	1106.38	Manual at 4	31.73	33.918	58.15	39.3	12.906	7.698	8.245
	2017/3/24 18:03:44	0.77	117.8	60	1106.38	Manual at 4	31.72	33.94	58.363	41.7	14.242	6.914	7.419
	2017/3/24 18:04:14	0.77	117.8	59.5	1106.38	Manual at 4	31.73	33.777	59.312	42.5	14.796	6.076	6.891
	2017/3/24 18:04:44	0.77	117.7	59.7	1106.38	Manual at 4	31.74	34.134	59.621	43.5	14.914	5.459	6.297
	2017/3/24 18:05:14	0.77	117.7	60	1106.38	Manual at 4	31.72	34.022	59.529	44.2	14.782	5.122	5.682
	2017/3/24 18:05:44	0.77	117.7	59.8	1106.38	Manual at 4	31.73	33.751	60.673	44.6	14.471	4.608	5.049
OFF	2017/3/24 18:06:14	0	118.1	1.1	1106.38	Manual at 4	31.69	34.213	56.708	41	18.913	4.398	4.555
	2017/3/24 18:06:44	0	118.1	1	1106.38	Manual at 4	31.72	33.961	53.235	35.8	22.738	4.686	4.77
	2017/3/24 18:07:14	0	118.1	1	1106.38	Manual at 4	31.69	33.865	51.049	27.4	25.771	5.183	5.068
	2017/3/24 18:07:44	0	118.2	1.1	1106.38	Manual at 4	31.68	34.277	49.587	26.2	28.185	5.987	5.769
	2017/3/24 18:08:14	0	118.2	1	1106.38	Manual at 4	31.77	34.054	48.206	26.4	30.262	6.445	6.459
	2017/3/24 18:08:44	0	118.1	1	1106.38	Manual at 4	31.76	34.076	47.631	26.9	31.89	7.042	6.96



