

Device mode	Time	PV1 input voltage	PV2 input voltage	PV1 input power	PV2 input power	Grid voltage R	Grid voltage S	Grid voltage T	Grid frequency	Load level	Battery voltage	Battery capacity	Charging current	Inner temperature	Temperature
Bypass without charging	2025-08-19 20:40:27	433.5	288.4	0	0	235.2	235.0	235.8	49.98	4	46.5	46	0.0	33.0	33.0
Bypass without charging	2025-08-19 20:39:28	436.4	290.3	0	0	235.0	235.0	236.1	49.99	4	46.5	46	0.0	34.0	34.0
Bypass without charging	2025-08-19 20:38:28	439.1	292.2	0	0	235.8	235.6	236.3	49.99	4	46.5	46	0.0	34.0	34.0
Bypass without charging	2025-08-19 20:37:27	441.8	293.9	0	0	236.5	234.1	237.6	50.0	6	46.5	46	0.0	34.0	34.0
Bypass without charging	2025-08-19 20:36:28	444.2	295.6	0	0	235.2	232.4	237.1	50.02	4	46.5	46	0.0	33.0	33.0
Bypass without charging	2025-08-19 20:35:28	446.4	297.1	0	0	236.7	234.8	238.4	50.02	4	46.5	46	0.0	33.0	33.0
Bypass without charging	2025-08-19 20:34:28	448.6	298.5	0	0	235.6	233.7	238.2	50.03	3	46.5	46	0.0	33.0	33.0
Bypass without charging	2025-08-19 20:33:29	450.8	300.0	0	0	236.3	234.3	238.2	49.98	4	46.5	46	0.0	33.0	33.0
Bypass without charging	2025-08-19 20:32:29	453.3	301.7	0	0	235.8	234.1	237.8	50.01	3	46.5	46	0.0	33.0	33.0

Bypass with out charging	2025-08-19 20:31:29	455.2	302.9	0	0	235.6	234.1	237.6	50.02	3	46.5	46	0.0	33.0	33.0
Bypass with out charging	2025-08-19 20:30:28	457.4	304.4	0	0	234.8	233.9	236.9	49.99	3	46.5	46	0.0	33.0	33.0
Bypass with out charging	2025-08-19 20:29:28	459.4	305.9	0	0	235.4	233.1	236.3	49.99	3	46.5	46	0.0	33.0	33.0
Bypass with out charging	2025-08-19 20:28:27	461.3	307.3	0	0	235.8	232.8	237.1	50.02	3	46.5	46	0.0	33.0	33.0
Bypass with out charging	2025-08-19 20:27:00	464.0	309.0	0	0	236.1	233.1	237.6	50.0	31	46.5	46	0.0	33.0	33.0
Bypass with out charging	2025-08-19 20:05:26	495.0	327.0	0	0	233.3	235.4	235.0	49.98	32	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 20:04:25	496.0	327.3	0	0	233.1	234.8	235.0	49.99	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 20:03:25	497.2	327.7	0	0	233.7	235.2	235.6	50.01	30	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 20:02:27	498.0	328.2	0	0	234.8	235.6	235.2	50.0	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 20:01:28	498.9	328.7	0	0	233.9	235.0	234.8	50.0	30	46.5	46	0.0	35.0	35.0

Bypass with out charging	2025-08-19 20:00:27	499.9	329.4	0	0	234.1	234.3	235.8	50.01	30	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:59:26	500.6	329.9	0	0	234.8	233.7	238.0	50.02	30	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:58:26	501.6	330.4	0	0	233.3	234.3	234.8	50.01	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:57:27	501.9	330.7	0	0	232.0	235.8	235.2	50.01	32	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:56:27	501.9	330.9	0	0	233.9	235.6	235.8	49.99	32	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:55:28	501.6	331.2	0	0	234.1	235.8	236.1	49.98	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:54:28	501.6	331.4	0	0	231.8	236.9	235.4	49.98	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:53:27	501.4	331.6	0	0	231.3	236.5	235.6	49.98	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:52:27	501.4	331.9	0	0	232.0	236.9	235.8	49.97	30	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:51:27	501.9	331.9	0	0	234.1	235.2	235.4	49.99	31	46.5	46	0.0	35.0	35.0

Bypass with out charging	2025-08-19 19:50:26	502.1	331.9	0	0	234.3	236.1	236.1	49.99	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:49:26	502.3	331.9	0	0	234.3	236.1	236.3	49.98	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:48:26	501.9	332.1	0	0	233.9	235.8	236.3	50.0	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:47:25	501.4	332.4	0	0	232.2	236.5	235.4	49.99	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:46:26	501.1	332.6	0	0	232.0	235.8	235.0	50.01	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:45:27	500.6	332.9	0	0	231.8	236.5	235.8	49.99	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:44:28	500.2	333.1	0	0	231.8	236.7	235.4	49.98	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:43:28	500.2	333.4	0	0	232.4	236.9	236.1	49.96	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:42:27	500.4	333.6	0	0	233.9	235.8	235.6	49.97	31	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:41:27	500.9	333.8	0	0	230.9	236.3	235.4	49.97	30	46.5	46	0.0	35.0	35.0

Bypass with out charging	2025-08-19 19:40:28	501.1	333.8	0	0	233.3	236.5	235.2	49.95	3	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:39:28	501.6	334.1	0	0	232.8	236.1	235.0	49.96	4	46.5	46	0.0	35.0	35.0
Bypass with out charging	2025-08-19 19:38:28	501.9	334.3	0	0	233.5	234.6	236.5	49.97	4	46.5	46	0.0	34.0	34.0
Bypass with out charging	2025-08-19 19:37:28	502.3	334.6	0	0	232.6	236.5	235.4	49.98	4	46.5	46	0.0	34.0	34.0
Bypass with out charging	2025-08-19 19:36:27	502.6	334.6	0	0	232.6	236.1	235.4	49.99	4	46.5	46	0.0	34.0	34.0
Bypass with out charging	2025-08-19 19:35:25	503.1	334.8	0	0	235.2	234.6	234.6	49.98	4	46.5	46	0.0	33.0	33.0
Bypass with out charging	2025-08-19 19:34:25	503.3	334.8	0	0	235.2	234.8	234.8	49.97	4	46.5	46	0.0	33.0	33.0
Bypass with out charging	2025-08-19 19:33:20	349.5	335.1	0	0	234.8	234.3	234.6	49.97	4	46.4	45	0.7	32.0	32.0
Grid-tie with backup	2025-08-19 19:32:26	349.5	335.6	99	0	234.3	232.8	234.8	50.02	4	46.4	45	1.4	32.0	32.0
Grid-tie with backup	2025-08-19 19:31:24	349.5	335.3	105	0	234.1	233.9	234.3	50.04	4	46.4	45	1.4	32.0	32.0

Bypass with out charging	2025-08-19 19:30:16	349.5	335.6	0	0	235.4	234.8	235.8	50.02	2	46.4	45	0.0	31.0	31.0
Bypass with out charging	2025-08-19 16:38:40	530.7	353.8	0	0	239.5	240.1	239.7	49.96	2	46.6	47	0.0	37.0	37.0
Bypass with out charging	2025-08-19 16:37:40	530.9	354.0	0	0	239.9	239.9	239.5	49.96	3	46.6	47	0.0	37.0	37.0
Bypass with out charging	2025-08-19 16:36:40	531.2	354.0	0	0	239.5	239.3	239.3	49.97	2	46.6	47	0.0	37.0	37.0
Bypass with out charging	2025-08-19 16:35:41	531.2	354.3	0	0	238.6	239.3	239.9	49.98	2	46.6	47	0.0	37.0	37.0
Bypass with out charging	2025-08-19 16:34:41	531.4	354.3	0	0	238.6	239.3	239.7	49.97	2	46.6	47	0.0	37.0	37.0
Bypass with out charging	2025-08-19 16:33:43	530.9	354.3	0	0	238.6	239.7	239.9	49.99	2	46.6	47	0.0	37.0	37.0
Bypass with out charging	2025-08-19 16:32:43	531.2	354.5	0	0	238.6	239.5	239.7	49.98	2	46.6	47	0.0	37.0	37.0
Bypass with out charging	2025-08-19 16:31:43	531.4	354.7	0	0	238.0	238.9	239.3	50.0	2	46.6	47	0.0	37.0	37.0
Bypass with out charging	2025-08-19 16:30:42	531.7	354.7	0	0	238.9	239.3	239.5	50.0	2	46.6	47	0.0	37.0	37.0

Bypass with out charging	2025-08-19 16:29:43	531.2	354.5	0	0	238.6	239.3	239.3	49.95	2	46.6	47	0.0	37.0	37.0
Bypass with out charging	2025-08-19 16:28:43	531.2	354.3	0	0	238.2	238.2	239.1	49.96	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:27:44	530.9	354.0	0	0	239.1	238.9	239.7	49.95	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:26:45	531.2	353.8	0	0	236.7	239.5	239.1	49.98	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:25:45	530.4	353.3	0	0	239.1	240.4	239.5	49.95	2	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:24:39	529.9	352.6	0	0	239.1	239.9	239.3	49.96	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:23:40	529.5	352.6	0	0	239.5	239.9	240.1	49.97	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:22:41	529.9	352.6	0	0	238.4	239.3	241.0	49.96	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:21:41	529.9	352.8	0	0	239.1	239.3	240.8	49.98	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:20:43	530.2	353.0	0	0	239.3	239.9	240.8	49.98	3	46.6	47	0.0	36.0	36.0

Bypass with out charging	2025-08-19 16:19:41	530.9	353.5	0	0	239.1	241.0	241.0	49.99	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:18:41	531.7	354.0	0	0	239.3	240.1	240.8	49.99	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:17:41	531.7	354.3	0	0	239.9	241.2	241.4	50.01	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:16:41	531.7	354.3	0	0	239.9	241.0	241.6	50.0	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:15:42	531.2	354.5	0	0	240.4	240.8	241.4	50.05	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:14:42	530.7	354.5	0	0	239.1	240.8	242.1	50.02	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:13:42	530.4	354.3	0	0	239.1	241.2	241.9	50.0	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:12:43	530.4	354.5	0	0	239.7	241.6	241.2	50.0	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:11:41	530.4	354.3	0	0	239.1	241.6	241.4	50.0	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:10:43	529.7	353.8	0	0	239.9	242.1	241.6	50.01	3	46.6	47	0.0	36.0	36.0

Bypass with out charging	2025-08-19 16:09:42	529.2	353.0	0	0	239.1	241.2	241.0	49.98	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:08:43	528.5	352.8	0	0	238.2	241.4	241.0	49.98	3	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:07:43	527.7	352.6	0	0	238.2	240.1	240.4	50.01	4	46.6	47	0.0	36.0	36.0
Bypass with out charging	2025-08-19 16:06:43	527.3	352.3	0	0	239.1	238.9	241.2	50.03	3	46.6	47	0.0	35.0	35.0