



2022-04-23	6	Not active	Ok	239,2	0	50,1	0	229,3	8,3	50	1893	56,62	-31,1	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	5	Not active	Ok	239,2	0	50,1	0	229,3	8,3	50	1893	56,62	-31,1	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	0	Not active														30			No error	Ok	Ok
2022-04-23	0	Not active	Ok	239,2	0	50,1	0	230,3	8,2	50	1627	56,62	-31	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	3	Not active																			
2022-04-23	2	Not active																	No error	Ok	Ok
2022-04-23	2	Not active														30			No error	Ok	Ok
2022-04-23	1	Not active	Ok													30		Inverting	No error	Ok	Ok
2022-04-23	0	Not active	Ok	238,2	0	50,1	0	231,2	7	50	1620	56,66	-25,2		Disconnect	30		Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	231,2	7	50	1620	56,66	-25,2		Disconnect	30		Inverting	No error	Ok	Ok
2022-04-23	2	Not active	Ok	238,2	0	50,1	0	231,2	7	50	1620	56,66	-25,2	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	231,2	7	50	1620	56,66	-26,4	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	230,3	7,1	50,1	1383	56,66	-25,9	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	33	Not active																			
2022-04-23	26	Not active																	No error	Ok	Ok
2022-04-23	23	Not active														30			No error	Ok	Ok
2022-04-23	5	Not active	Ok													30		Inverting	No error	Ok	Ok
2022-04-23	4	Not active	Ok	238,2	0	50,1	0	230,3	7,1	50	1637	56,66	-26,1		Disconnect	30		Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	230,3	7,1	50	1637	56,66	-26,1	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	230,3	7,1	50	1637	56,66	-26	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	0	Not active	Ok	238,2	0	50,1	0	230,3	7,1	50,1	1361	56,74	-25,4	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	33	Not active																			
2022-04-23	30	Not active																			
2022-04-23	25	Not active																	No error	Ok	Ok
2022-04-23	23	Not active														30			No error	Ok	Ok
2022-04-23	5	Not active														30			No error	Ok	Ok
2022-04-23	4	Not active	Ok													30		Inverting	No error	Ok	Ok
2022-04-23	3	Not active	Ok	238,2	0	50,1	0	230,3	7,1	50	1637	56,26	-26		Disconnect	30		Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	230,3	7,1	50	1637	56,26	-26	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	2	Not active	Ok	238,2	0	50,1	0	230,3	7,1	50	1637	56,44	-26,1	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	0	Not active	Ok	238,2	0	50,1	0	230,3	7	50	1377	56,68	-25,6	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	0	Not active	Ok	239,2	0	50,1	0	230,3	7,1	50	1361	56,62	-26,1	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	24	Not active																			
2022-04-23	21	Not active																			
2022-04-23	16	Not active																	No error	Ok	Ok
2022-04-23	14	Not active														30			No error	Ok	Ok
2022-04-23	1	Not active														30			No error	Ok	Ok
2022-04-23	2	Not active	Ok	238,2	0	50,1	0	230,3	7,3	50	1680	56,64	-27		Disconnect	30		Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	230,3	7,3	50	1680	56,64	-27		Disconnect	30		Inverting	No error	Ok	Ok
2022-04-23	2	Not active	Ok	238,2	0	50,1	0	230,3	7,3	50	1680	56,64	-27	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	230,3	7,3	50	1680	56,66	-26,3	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	230,3	8,4	50	1680	56,64	-32,2	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	3	Not active																			
2022-04-23	2	Not active																	No error	Ok	Ok
2022-04-23	2	Not active														30			No error	Ok	Ok
2022-04-23	1	Not active														30			No error	Ok	Ok
2022-04-23	0	Not active	Ok													30		Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	230,3	8,6	50	1968	56,7	-32,9		Disconnect	30		Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	238,2	0	50,1	0	230,3	8,6	50	1968	56,7	-32,9	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	0	Not active	Ok	238,2	0	50,1	0	230,3	8,6	50	1968	56,7	-32,7	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	239,2	0	50,1	0	230,3	8,3	50	1647	56,68	-31,8	21	Disconnect	30	94	Inverting	No error	Ok	Ok
2022-04-23	3	Not active																			
2022-04-23	2	Not active																			
2022-04-23	1	Not active																	No error	Ok	Ok
2022-04-23	2	Not active														30			No error	Ok	Ok
2022-04-23	2	Not active														30			No error	Ok	Ok

2022-04-23	1	Not active	Ok											30	Inverting	No error	Ok	Ok		
2022-04-23	0	Not active	Ok	236,3	0	50,1	0	230,3	8,3	50	1901	56,66	-31,4		Disconnect	30	Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	236,3	0	50,1	0	230,3	8,3	50	1901	56,66	-31,4		Disconnect	30	Inverting	No error	Ok	Ok
2022-04-23	2	Not active	Ok	236,3	0	50,1	0	230,3	8,3	50	1901	56,66	-31,4	21	Disconnect	30	93 Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	236,3	0	50,1	0	230,3	8,3	50	1901	56,74	-31	21	Disconnect	30	93 Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	236,3	0	50,1	0	230,3	8,3	50	1901	56,74	-31	21	Disconnect	30	93 Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	234,3	0	50,1	0	230,3	8,3	50	1642	56,66	-31,7	21	Disconnect	30	93 Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	235,3	0	50,1	0	230,3	7,1	50	1371	56,62	-26,2	21	Disconnect	30	93 Inverting	No error	Ok	Ok
2022-04-23	14	Not active																		
2022-04-23	11	Not active																		
2022-04-23	6	Not active																No error	Ok	Ok
2022-04-23	3	Not active														30		No error	Ok	Ok
2022-04-23	2	Not active														30		No error	Ok	Ok
2022-04-23	2	Not active	Ok	235,3	0	50,1	0	230,3	7,1	50,1	1637	56,62	-25,9		Disconnect	30	Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	235,3	0	50,1	0	230,3	7,1	50,1	1637	56,62	-25,9		Disconnect	30	Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	235,3	0	50,1	0	230,3	7,1	50,1	1637	56,62	-25,9	21	Disconnect	30	93 Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	235,3	0	50,1	0	230,3	7,1	50,1	1637	56,62	-26,4	21	Disconnect	30	93 Inverting	No error	Ok	Ok
2022-04-23	1	Not active	Ok	236,3	0	50,1	0	230,3	7,2	50	1370	56,62	-26	21	Disconnect	30	93 Inverting	No error	Ok	Ok
2022-04-23	24	Not active																		
2022-04-23	21	Not active																		
2022-04-23	17	Not active																No error	Ok	Ok
2022-04-23	15	Not active														30		No error	Ok	Ok

VE.Bus Sy: Overload	VE.Bus Sy: Temperatur	VE.Bus Sy: Voltage sei	VE.Bus Sy: High DC R	VE.Bus Sy: Temperatur Low	VE.Bus Sy: batteri, Overload L	VE.Bus Sy: High DC R	VE.Bus Sy: Temperatur Low	VE.Bus Sy: batteri, Overload L	VE.Bus Sy: High DC R	VE.Bus Sy: Temperatur Low	VE.Bus Sy: batteri, Overload L	VE.Bus Sy: High DC R	VE.Bus Sy: Temperatur Low	VE.Bus Sy: batteri, Overload L	VE.Bus Sy: High DC R	VE.Bus Sy: Temperatur Low	VE.Bus Sy: batteri, Overload L	Solar Charge Voltage	Solar Charge Current	Solar Charge Battery wat	Solar Charge Load state	Solar Charge Charger on	
																		V	A	W			
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,05	71,4	4002	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	52,4	2977	On	On
																			56,79	40,5	2300	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,79	40,5	2300	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,8	40,9	2323	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	39,1	2221	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	39,1	2221	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	39,2	2227	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	39,3	2233	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	39,3	2233	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	39,3	2233	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	39,2	2227	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,82	37,2	2114	On	On
																			56,79	34,3	1948	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,75	32,2	1827	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,7	31,2	1769	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	34,4	1954	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	34,5	1960	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	34,4	1954	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	34,4	1954	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	34,2	1943	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	34,3	1949	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,8	33,7	1914	On	On
																			56,79	32,6	1851	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,78	32,7	1857	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,78	32,7	1857	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,76	33,1	1879	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,76	33	1873	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,76	33,2	1884	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,77	33,2	1885	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,77	33,3	1890	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,77	33,1	1879	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,8	32,9	1869	On	On
																			56,81	37,8	2147	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,8	36,8	2090	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	37,9	2153	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,8	38	2158	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	37,7	2142	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	37,7	2142	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,78	35,8	2033	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,79	36,2	2056	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,79	36,2	2056	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	36,5	2074	On	On
																			56,8	33,7	1914	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	33,8	1920	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	33,8	1920	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	34	1932	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,82	34,3	1949	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,82	34,3	1949	On	On



Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,69	48,7	2761	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,69	48,7	2761	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	52	2954	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,99	56,5	3220	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	57,08	55,3	3157	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	57,08	55,3	3157	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,84	33,9	1927	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,81	28,6	1625	On	On
																	56,81	28,2	1602	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	28,3	1608	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	28,3	1608	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,81	27,8	1579	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,8	27,7	1573	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,8	27,7	1573	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,8	28	1590	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,8	28,1	1596	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Bulk	56,79	28,4	1613	On	On
																	56,74	26,5	1504	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,76	29,1	1652	On	On
Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok		56,77	29,3	1663	On	On

Solar Char	Solar Char	Solar Char	Solar Char	Solar Char	Solar Char	Solar Char	Solar Char	Solar Char	Solar Char	Solar Char	System ov	System ov	System ov	System ov	System ov	System ov	System ov	System ov	System ov	System ov	System ov	
Charge sta	PV voltage	PV power	MPPT Stat	Relay on t	Yield today	Maximum c	Yield yeste	Maximum c	Error code	User yield	AC-Input	PV - DC-cc	AC Consur	Grid L1	Voltage	Battery Sta	DVCC	Mult GX	Error #	#1 Low SO	#2 Battery	#3 Charge
V					kWh	W	kWh	W		kWh		W	W	W	V	%						
Bulk Absorption	123,45	4082	MPPT active	Open	2,29	4262	13,43	6141	No error	297,64	Inverting	4002	1737		55,82	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	136,16	3038	Voltage or	Open	2,35	4262	13,43	6141	No error	297,7	Inverting	2977	1745		56,66	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	139,71	2349	Voltage or	Open	2,41	4262	13,43	6141	No error	297,76							No alarm	No alarm	Off	Off	Off	Off
Absorption	139,52	2352	Voltage or	Open	2,41	4262	13,43	6141	No error	297,76		2300			56,79		No alarm	No alarm	Off	Off	Off	Off
Absorption	139,47	2368	Voltage or	Open	2,41	4262	13,43	6141	No error	297,76					56,8		No alarm	No alarm	Off	Off	Off	Off
Absorption	139,72	2270	Voltage or	Open	2,42	4262	13,43	6141	No error	297,77					56,81		No alarm	No alarm	Off	Off	Off	Off
Absorption	139,72	2270	Voltage or	Open	2,43	4262	13,43	6141	No error	297,78							No alarm	No alarm	Off	Off	Off	Off
Absorption	139,86	2273	Voltage or	Open	2,43	4262	13,43	6141	No error	297,78							No alarm	No alarm	Off	Off	Off	Off
Absorption	139,82	2278	Voltage or	Open	2,43	4262	13,43	6141	No error	297,78	Inverting	2233	1724		56,64		No alarm	No alarm	Off	Off	Off	Off
Absorption	139,81	2277	Voltage or	Open	2,43	4262	13,43	6141	No error	297,78	Inverting	2233	1724		56,64	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	139,75	2275	Voltage or	Open	2,43	4262	13,43	6141	No error	297,78	Inverting	2227	1724		56,64	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	139,92	2156	Voltage or	Open	2,44	4262	13,43	6141	No error	297,79	Inverting	2114	1479		56,62	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	138,57	1992	Voltage or	Open	2,49	4262	13,43	6141	No error	297,84							No alarm	No alarm	Off	Off	Off	Off
Absorption	133,24	1868	Voltage or	Open	2,49	4262	13,43	6141	No error	297,84					56,75		No alarm	No alarm	Off	Off	Off	Off
Absorption	128,63	1810	Voltage or	Open	2,49	4262	13,43	6141	No error	297,84					56,7		No alarm	No alarm	Off	Off	Off	Off
Absorption	140	1997	Voltage or	Open	2,5	4262	13,43	6141	No error	297,85					56,81		No alarm	No alarm	Off	Off	Off	Off
Absorption	140	1998	Voltage or	Open	2,5	4262	13,43	6141	No error	297,85							No alarm	No alarm	Off	Off	Off	Off
Absorption	140	1999	Voltage or	Open	2,5	4262	13,43	6141	No error	297,85							No alarm	No alarm	Off	Off	Off	Off
Absorption	140	1997	Voltage or	Open	2,5	4262	13,43	6141	No error	297,85	Inverting	1954	1740		56,6		No alarm	No alarm	Off	Off	Off	Off
Absorption	140,04	1992	Voltage or	Open	2,51	4262	13,43	6141	No error	297,86	Inverting	1949	1740		56,6	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	140,09	1983	Voltage or	Open	2,51	4262	13,43	6141	No error	297,86	Inverting	1943	1740		56,6	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	140,06	1957	Voltage or	Open	2,52	4262	13,43	6141	No error	297,87	Inverting	1914	1475		56,6	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	140,14	1893	Voltage or	Open	2,56	4262	13,43	6141	No error	297,91							No alarm	No alarm	Off	Off	Off	Off
Absorption	139,92	1896	Voltage or	Open	2,56	4262	13,43	6141	No error	297,91					56,78		No alarm	No alarm	Off	Off	Off	Off
Absorption	139,92	1898	Voltage or	Open	2,56	4262	13,43	6141	No error	297,91					56,78		No alarm	No alarm	Off	Off	Off	Off
Absorption	138,62	1917	Voltage or	Open	2,57	4262	13,43	6141	No error	297,92							No alarm	No alarm	Off	Off	Off	Off
Absorption	138,6	1915	Voltage or	Open	2,57	4262	13,43	6141	No error	297,92							No alarm	No alarm	Off	Off	Off	Off
Absorption	138,45	1926	Voltage or	Open	2,57	4262	13,43	6141	No error	297,92	Inverting	1884	1814		56,66		No alarm	No alarm	Off	Off	Off	Off
Absorption	138,25	1927	Voltage or	Open	2,58	4262	13,43	6141	No error	297,93	Inverting	1890	1814		56,66	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	138,31	1928	Voltage or	Open	2,58	4262	13,43	6141	No error	297,93	Inverting	1885	1814		56,66	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	138,62	1917	Voltage or	Open	2,57	4262	13,43	6141	No error	297,92					56,77		No alarm	No alarm	Off	Off	Off	Off
Absorption	131,94	1908	Voltage or	Open	2,59	4262	13,43	6141	No error	297,94	Inverting	1869	1485		56,7	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	137,89	2191	Voltage or	Open	2,63	4262	13,43	6141	No error	297,98							No alarm	No alarm	Off	Off	Off	Off
Absorption	138,22	2131	Voltage or	Open	2,63	4262	13,43	6141	No error	297,98					56,81		No alarm	No alarm	Off	Off	Off	Off
Absorption	137,51	2199	Voltage or	Open	2,64	4262	13,43	6141	No error	297,99					56,79		No alarm	No alarm	Off	Off	Off	Off
Absorption	139,04	2211	Voltage or	Open	2,65	4262	13,43	6141	No error	298					56,79		No alarm	No alarm	Off	Off	Off	Off
Absorption	138,83	2186	Voltage or	Open	2,65	4262	13,43	6141	No error	298							No alarm	No alarm	Off	Off	Off	Off
Absorption	138,83	2186	Voltage or	Open	2,65	4262	13,43	6141	No error	298	Inverting	2142	2021		56,64		No alarm	No alarm	Off	Off	Off	Off
Absorption	139,43	2077	Voltage or	Open	2,65	4262	13,43	6141	No error	298	Inverting	2022	2021		56,64	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	139,43	2101	Voltage or	Open	2,65	4262	13,43	6141	No error	298	Inverting	2033	2021		56,64	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	139,43	2101	Voltage or	Open	2,65	4262	13,43	6141	No error	298	Inverting	2033	2021		56,64	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	139,39	2116	Voltage or	Open	2,67	4262	13,43	6141	No error	298,02	Inverting	2074	1757		56,66	95	No alarm	No alarm	Off	Off	Off	Off
Absorption	139,71	1957	Voltage or	Open	2,71	4262	13,43	6141	No error	298,06							No alarm	No alarm	Off	Off	Off	Off
Absorption	139,68	1962	Voltage or	Open	2,71	4262	13,43	6141	No error	298,06					56,81		No alarm	No alarm	Off	Off	Off	Off
Absorption	139,7	1962	Voltage or	Open	2,71	4262	13,43	6141	No error	298,06					56,81		No alarm	No alarm	Off	Off	Off	Off
Absorption	139,55	1970	Voltage or	Open	2,72	4262	13,43	6141	No error	298,07							No alarm	No alarm	Off	Off	Off	Off
Absorption	139,5	1986	Voltage or	Open	2,72	4262	13,43	6141	No error	298,07							No alarm	No alarm	Off	Off	Off	Off
Absorption	139,5	1986	Voltage or	Open	2,72	4262	13,43	6141	No error	298,07	Inverting	1949	1893		56,62		No alarm	No alarm	Off	Off	Off	Off





Absorption	118,03	2818	Voltage or	Open	3,11	4262	13,43	6141	No error	298,46	2620				No alarm	No alarm	Off	Off	Off	
Absorption	118,03	2818	Voltage or	Open	3,11	4262	13,43	6141	No error	298,46	2761				No alarm	No alarm	Off	Off	Off	
Absorption	118,03	3017	Voltage or	Open	3,11	4262	13,43	6141	No error	298,46	Inverting	2954	1901	56,66	No alarm	No alarm	Off	Off	Off	
Absorption	119,82	3296	Voltage or	Open	3,11	4262	13,43	6141	No error	298,46	Inverting	3220	1901	56,66	93	No alarm	No alarm	Off	Off	Off
Absorption	125,5	3202	Voltage or	Open	3,12	4262	13,43	6141	No error	298,47	Inverting	3157	1901	56,66	93	No alarm	No alarm	Off	Off	Off
Absorption	125,5	3202	Voltage or	Open	3,12	4262	13,43	6141	No error	298,47	Inverting	3157	1901	56,66	93	No alarm	No alarm	Off	Off	Off
Absorption	135,9	1970	Voltage or	Open	3,13	4262	13,43	6141	No error	298,48	Inverting	1950	1642	56,66	93	No alarm	No alarm	Off	Off	Off
Absorption	139,26	1662	Voltage or	Open	3,16	4262	13,43	6141	No error	298,51	Inverting	1642	1371	56,62	93	No alarm	No alarm	Off	Off	Off
															No alarm	No alarm	Off	Off	Off	
Absorption	130,62	1633	Voltage or	Open	3,17	4262	13,43	6141	No error	298,52					No alarm	No alarm	Off	Off	Off	
Absorption	130,68	1644	Voltage or	Open	3,17	4262	13,43	6141	No error	298,52		1602		56,81	No alarm	No alarm	Off	Off	Off	
Absorption	130,68	1643	Voltage or	Open	3,17	4262	13,43	6141	No error	298,52		1608		56,81	No alarm	No alarm	Off	Off	Off	
Absorption	133,43	1610	Voltage or	Open	3,18	4262	13,43	6141	No error	298,53		1602		56,82	No alarm	No alarm	Off	Off	Off	
Absorption	133,84	1604	Voltage or	Open	3,18	4262	13,43	6141	No error	298,53		1568			No alarm	No alarm	Off	Off	Off	
Absorption	133,84	1604	Voltage or	Open	3,18	4262	13,43	6141	No error	298,53	Inverting	1573	1637	56,62	No alarm	No alarm	Off	Off	Off	
Absorption	132,77	1625	Voltage or	Open	3,18	4262	13,43	6141	No error	298,53	Inverting	1585	1637	56,62	93	No alarm	No alarm	Off	Off	Off
Absorption	132,45	1631	Voltage or	Open	3,18	4262	13,43	6141	No error	298,53	Inverting	1590	1637	56,62	93	No alarm	No alarm	Off	Off	Off
Absorption	129,38	1648	Voltage or	Open	3,2	4262	13,43	6141	No error	298,55	Inverting	1613	1370	56,62	93	No alarm	No alarm	Off	Off	Off
															No alarm	No alarm	Off	Off	Off	
Absorption	133,18	1542	Voltage or	Open	3,23	4262	13,43	6141	No error	298,58					No alarm	No alarm	Off	Off	Off	
Absorption	130,81	1690	Voltage or	Open	3,23	4262	13,43	6141	No error	298,58		1629		56,76	No alarm	No alarm	Off	Off	Off	
Absorption	128,92	1698	Voltage or	Open	3,23	4262	13,43	6141	No error	298,58		1663		56,77	No alarm	No alarm	Off	Off	Off	

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#4 Dischar	#5 Slow ch	#6 Charge	#7 Dischar	Current	VE.Bus ch:	Battery Poi	VE.Bus ch:	Battery stai	Grid alarm
A	A	W	W						
Off	Off	Off	Off	37,99	-33,7	2120,836	-1737	charging	Grid ok
Off	Off	Off	Off	18,84	-33,7	1067,402	-1745	charging	Grid ok
Off	Off	Off	Off						
Off	Off	Off	Off						
Off	Off	Off	Off	40,5		2299,995			Grid ok
Off	Off	Off	Off	40,9		2323,12			Grid ok
Off	Off	Off	Off	39,1		2221,271			Grid ok
Off	Off	Off	Off			2221,271		charging	Grid ok
Off	Off	Off	Off			2226,952		charging	Grid ok
Off	Off	Off	Off	11,52	-27,9	652,377	-1580	charging	Grid ok
Off	Off	Off	Off	11,52	-27,9	652,377	-1580	charging	Grid ok
Off	Off	Off	Off	11,42	-27,9	646,6961	-1580	charging	Grid ok
Off	Off	Off	Off	9,03	-28,3	511,3581	-1479	charging	Grid ok
Off	Off	Off	Off						
Off	Off	Off	Off						
Off	Off	Off	Off	32,2		1827,35			Grid ok
Off	Off	Off	Off	31,2		1769,04			Grid ok
Off	Off	Off	Off	34,4		1954,264			Grid ok
Off	Off	Off	Off			1959,945		charging	Grid ok
Off	Off	Off	Off			1954,264		charging	Grid ok
Off	Off	Off	Off	6,03	-28,5	341,1642	-1613	charging	Grid ok
Off	Off	Off	Off	5,93	-28,5	335,483	-1613	charging	Grid ok
Off	Off	Off	Off	5,83	-28,5	329,8021	-1613	charging	Grid ok
Off	Off	Off	Off	5,82	-28	329,3601	-1475	charging	Grid ok
Off	Off	Off	Off						
Off	Off	Off	Off						
Off	Off	Off	Off	32,8		1862,384			Grid ok
Off	Off	Off	Off	32,7		1856,706			Grid ok
Off	Off	Off	Off			1878,756		charging	Grid ok
Off	Off	Off	Off			1878,756		charging	Grid ok
Off	Off	Off	Off	3,96	-29,3	224,294	-1660	charging	Grid ok
Off	Off	Off	Off	4,06	-29,3	230,303	-1660	charging	Grid ok
Off	Off	Off	Off	3,96	-29,3	224,6261	-1660	charging	Grid ok
Off	Off	Off	Off	33,2		1884,764			Grid ok
Off	Off	Off	Off	4,86	-28,1	275,45	-1485	charging	Grid ok
Off	Off	Off	Off						
Off	Off	Off	Off						
Off	Off	Off	Off	37,8		2147,418			Grid ok
Off	Off	Off	Off	37		2101,23			Grid ok
Off	Off	Off	Off	36,4		2061,114		charging	Grid ok
Off	Off	Off	Off			2158,4		charging	Grid ok
Off	Off	Off	Off	4,61	-33,2	261,2891	-1880	charging	Grid ok
Off	Off	Off	Off	2,49	-33,2	141,2759	-1880	charging	Grid ok
Off	Off	Off	Off	2,69	-33,2	152,2759	-1880	charging	Grid ok
Off	Off	Off	Off	2,69	-33,2	152,2759	-1880	charging	Grid ok
Off	Off	Off	Off	3,1	-33,5	175,4551	-1757	charging	Grid ok
Off	Off	Off	Off						
Off	Off	Off	Off						
Off	Off	Off	Off	33,8		1920,178			Grid ok
Off	Off	Off	Off	33,8		1920,178			Grid ok
Off	Off	Off	Off			1931,54		charging	Grid ok
Off	Off	Off	Off			1943,244		charging	Grid ok
Off	Off	Off	Off	3,32	-31,1	188,044	-1760	charging	Grid ok

Off	Off	Off	Off	3,22	-31,1	182,362	-1760 charging	Grid ok
Off	Off	Off	Off	3,12	-31,1	176,6799	-1760 charging	Grid ok
Off	Off	Off	Off	34,1		1937,562		Grid ok
Off	Off	Off	Off	2,72	-31	153,9319	-1627 charging	Grid ok
Off	Off	Off	Off					Grid ok
Off	Off	Off	Off					Grid ok
Off	Off	Off	Off			0	idle	Grid ok
Off	Off	Off	Off			0	idle	Grid ok
Off	Off	Off	Off	-25,2	-25,2	-1427,83	-1427 discharging	Grid ok
Off	Off	Off	Off	-25,2	-25,2	-1427,83	-1427 discharging	Grid ok
Off	Off	Off	Off	-25,2	-25,2	-1427,83	-1427 discharging	Grid ok
Off	Off	Off	Off	-25,9	-25,9	-1467,49	-1383 discharging	Grid ok
Off	Off	Off	Off					Grid ok
Off	Off	Off	Off					Grid ok
Off	Off	Off	Off			0	idle	Grid ok
Off	Off	Off	Off	-26,1	-26,1	-1478,83	-1478 discharging	Grid ok
Off	Off	Off	Off	-26,1	-26,1	-1478,83	-1478 discharging	Grid ok
Off	Off	Off	Off	-26,1	-26,1	-1478,83	-1478 discharging	Grid ok
Off	Off	Off	Off	-25,9	-25,9	-1469,57	-1378 discharging	Grid ok
Off	Off	Off	Off					Grid ok
Off	Off	Off	Off	28,1		1585,121		Grid ok
Off	Off	Off	Off	27,8		1568,476		Grid ok
Off	Off	Off	Off	30,1		1695,533		Grid ok
Off	Off	Off	Off	30,1		1803,84	charging	Grid ok
Off	Off	Off	Off	6,37	-26	358,314	-1462 charging	Grid ok
Off	Off	Off	Off	9,74	-26	547,9279	-1462 charging	Grid ok
Off	Off	Off	Off	9,56	-26	537,6941	-1462 charging	Grid ok
Off	Off	Off	Off	4,71	-25,6	267,07	-1377 charging	Grid ok
Off	Off	Off	Off	2,29	-26,1	129,941	-1361 charging	Grid ok
Off	Off	Off	Off					Grid ok
Off	Off	Off	Off	28,5		1618,23		Grid ok
Off	Off	Off	Off	28,7		1629,586		Grid ok
Off	Off	Off	Off	29,3		1738,386	charging	Grid ok
Off	Off	Off	Off			1658,852	charging	Grid ok
Off	Off	Off	Off	1,98	-27	112,24	-1529 charging	Grid ok
Off	Off	Off	Off	1,67	-27	94,628	-1529 charging	Grid ok
Off	Off	Off	Off	2,78	-27	157,3831	-1529 charging	Grid ok
Off	Off	Off	Off	2,59	-32,2	146,8051	-1680 charging	Grid ok
Off	Off	Off	Off					Grid ok
Off	Off	Off	Off					Grid ok
Off	Off	Off	Off			0	idle	Grid ok
Off	Off	Off	Off			0	idle	Grid ok
Off	Off	Off	Off	-32,9	-32,9	-1865,43	-1865 discharging	Grid ok
Off	Off	Off	Off	-32,9	-32,9	-1865,43	-1865 discharging	Grid ok
Off	Off	Off	Off	-32,9	-32,9	-1865,43	-1865 discharging	Grid ok
Off	Off	Off	Off	-31,8	-31,8	-1802,42	-1647 discharging	Grid ok
Off	Off	Off	Off					Grid ok
Off	Off	Off	Off	33,6		1887,984		Grid ok
Off	Off	Off	Off	33,6		1887,984		Grid ok
Off	Off	Off	Off	43,9		2480,789		Grid ok

Off	Off	Off	Off			2620,117	charging	Grid ok
Off	Off	Off	Off			2760,803	charging	Grid ok
Off	Off	Off	Off	20,74	-31,4	1174,996	-1779 charging	Grid ok
Off	Off	Off	Off	25,43	-31,4	1440,811	-1779 charging	Grid ok
Off	Off	Off	Off	24,31	-31,4	1377,4	-1779 charging	Grid ok
Off	Off	Off	Off	24,31	-31,4	1377,4	-1779 charging	Grid ok
Off	Off	Off	Off	2,71	-31,7	153,4899	-1642 charging	Grid ok
Off	Off	Off	Off	2,8	-26,2	158,365	-1371 charging	Grid ok
Off	Off	Off	Off					
Off	Off	Off	Off	28,2		1602,042		Grid ok
Off	Off	Off	Off	28,3		1607,723		Grid ok
Off	Off	Off	Off	28,2		1602,324		Grid ok
Off	Off	Off	Off			1567,68	charging	Grid ok
Off	Off	Off	Off	1,89	-25,9	106,9021	-1466 charging	Grid ok
Off	Off	Off	Off	2,09	-25,9	118,262	-1466 charging	Grid ok
Off	Off	Off	Off	2,19	-25,9	123,942	-1466 charging	Grid ok
Off	Off	Off	Off	2,49	-26	140,716	-1370 charging	Grid ok
Off	Off	Off	Off					
Off	Off	Off	Off					
Off	Off	Off	Off	28,7		1629,012		Grid ok
Off	Off	Off	Off	29,3		1663,361		Grid ok