Final Test Report of Battery Rack

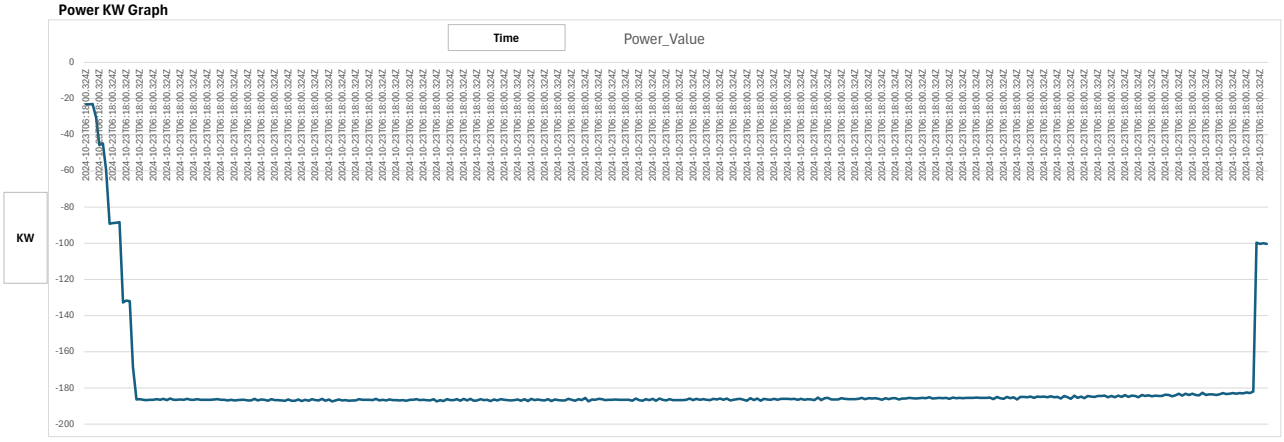
Customer	**Shell**	
Type of Test	Discharge - Battery Rack	
Date of Test	23-Oct-24	
Time -Start	08:16	**Uhr**
Time -Stop	09:27	**Uhr**
Duration of Test	01:11	**Stunde:Min**
Avg. Runing Current	-206.63	**A**
Avg. Runing Power	-180.32	**KW**
SOC Before Test	100.00	**%**
SOC After Test	6.55	**%**
Rack Capacity	280	**Kwh**
Generated Energy	-213.38	**Kwh**

Container 4.2 - Rack 03 -DCPort 02			Before Test Values.				After Test Values			
Module	Artikel	Module Serial No.	Module Voltage1	Max. Cell Voltage1	Min. Cell Voltage1	Max Temperature1	Module Voltage2	Max. Cell Voltage2	Min. Cell Voltage2	Max Temperature2
Serial No.	No.	No.	V	V	V	C°	V	V	V	C°
1	508972	FRQ-508972000308	3.4443	3.446	3.442	17	3.1085	3.120	3.090	40.0
2	509344	FRQ-509344000373	3.4523	3.455	3.442	18	3.0992	3.116	3.015	43.0
3	509344	FRQ-509344000379	3.4443	3.451	3.441	18	3.1029	3.123	3.009	40.0
4	509344	FRQ-509344000356	3.4501	3.452	3.445	18	3.09	3.110	3.025	41.0
5	509344	FRQ-509344000380	3.4466	3.455	3.439	18	3.092	3.113	3.012	40.0
6	509344	FRQ-509344000390	3.4424	3.45	3.434	17	3.1	3.115	3.022	40.0
7	509344	FRQ-509344000400	3.4441	3.454	3.441	19	3.0738	3.093	2.976	42.0
8	509344	FRQ-509344000401	3.4456	3.451	3.442	16	3.0842	3.105	2.994	39.0
9	508972	FRQ-508972001573	3.4421	3.445	3.439	17	3.1045	3.112	3.100	39.0
10	509344	FRQ-509344000381	3.4432	3.451	3.439	17	3.0923	3.116	2.977	38.0
11	509344	FRQ-509344000357	3.4513	3.454	3.446	16	3.0928	3.115	3.011	36.0
12	509344	FRQ-509344000378	3.4455	3.453	3.441	16	3.1071	3.124	3.046	37.0
13	509344	FRQ-509344000372	3.4524	3.457	3.446	16	3.1065	3.128	3.038	36.0
14	508972	FRQ-508972000576	3.4483	3.451	3.447	16	3.1222	3.131	3.103	39.0
15	509344	FRQ-509344000398	3.4432	3.448	3.439	16	3.0957	3.111	3.031	39.0
16	509344	FRQ-509344000374	3.4513	3.454	3.444	17	3.1017	3.115	3.041	40.0
17	509344	FRQ-509344000377	3.4487	3.452	3.44	18	3.1079	3.126	3.082	42.0
18	509344	FRQ-509344000358	3.4479	3.451	3.445	18	3.0981	3.115	3.044	41.0
19	509344	FRQ-509344000382	3.4424	3.454	3.437	19	3.1048	3.125	3.055	48.0
20	508972	FRQ-508972001574	3.4413	3.451	3.435	19	3.103	3.114	3.075	42.0
21	509344	FRQ-509344000402	3.4429	3.449	3.438	19	3.0796	3.103	3.013	41.0
22	508972	FRQ-508972001572	3.4375	3.448	3.433	18	3.0728	3.112	3.052	40.0
23	509344	FRQ-509344000347	3.4463	3.45	3.441	17	3.0771	3.099	2.989	40.0
24	509344	FRQ-509344000383	3.4424	3.449	3.438	17	3.0793	3.110	2.936	40.0
25	508972	FRQ-508972000050	3.4463	3.454	3.442	17	3.1189	3.128	3.085	40.0
26	509344	FRQ-509344000376	3.4483	3.451	3.442	18	3.1059	3.122	3.079	41.0
27	509344	FRQ-509344000391	3.4433	3.449	3.44	19	3.1099	3.124	3.054	46.0
28	508972	FRQ-508972001508	3.4444	3.454	3.439	18	3.1036	3.116	3.067	41.0

Database Results



Power KW Graph



Final Test Report of Battery Rack

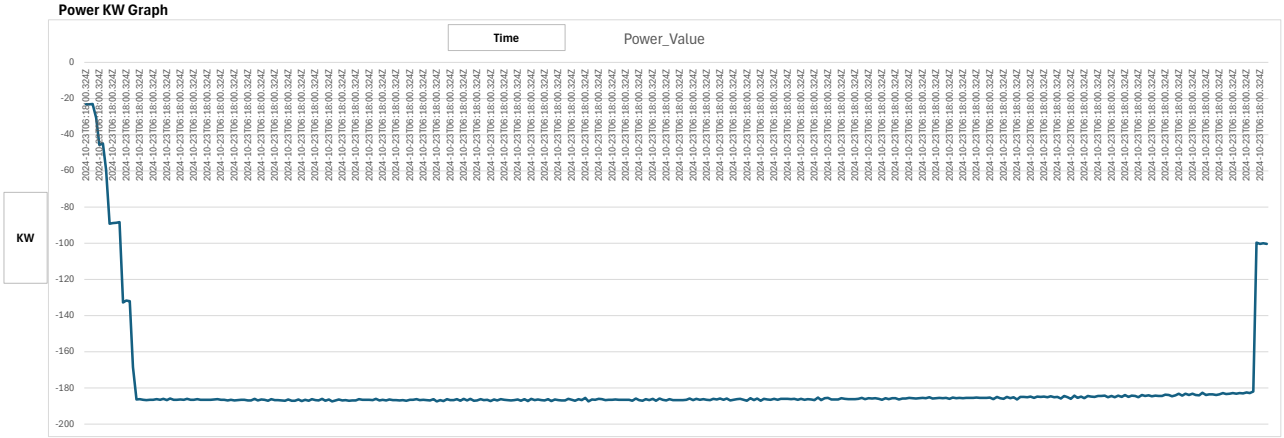
Customer	**Shell**	
Type of Test	Discharge - Battery Rack	
Date of Test	23-Oct-24	
Time -Start	08:16	**Uhr**
Time -Stop	09:27	**Uhr**
Duration of Test	01:11	**Stunde:Min**
Avg. Runing Current	-205.17	**A**
Avg. Runing Power	-180.32	**KW**
SOC Before Test	100.00	**%**
SOC After Test	5.87	**%**
Rack Capacity	280	**Kwh**
Generated Energy	-213.38	**Kwh**

Container 4.2 - Rack 03 -DCPort 02			Before Test Values.				After Test Values			
Module	Artikel	Module Serial No.	Module Voltage1	Max. Cell Voltage1	Min. Cell Voltage1	Max Temperature1	Module Voltage2	Max. Cell Voltage2	Min. Cell Voltage2	Max Temperature2
Serial No.	No.	No.	V	V	V	C°	V	V	V	C°
1	509344	FRQ-509344000514	3.4465	3.455	3.441	17	3.112	3.124	3.080	40.0
2	509344	FRQ-509344000526	3.452	3.455	3.448	17	3.114	3.123	3.087	39.0
3	509344	FRQ-509344000359	3.4521	3.455	3.444	17	3.112	3.123	3.075	40.0
4	509344	FRQ-509344000339	3.4485	3.452	3.445	17	3.111	3.122	3.078	39.0
5	509344	FRQ-509344000492	3.449	3.45	3.448	17	3.094	3.111	3.059	41.0
6	509344	FRQ-509344000531	3.4483	3.451	3.443	17	3.086	3.113	3.049	39.0
7	509344	FRQ-509344000535	3.4448	3.45	3.44	17	3.087	3.100	3.030	38.0
8	509344	FRQ-509344000534	3.4467	3.455	3.442	16	3.089	3.108	3.057	38.0
9	509344	FRQ-509344000538	3.4478	3.451	3.445	17	3.089	3.113	3.043	38.0
10	509344	FRQ-509344000491	3.4514	3.458	3.447	16	3.106	3.125	3.059	38.0
11	509344	FRQ-509344000360	3.4463	3.454	3.441	16	3.114	3.133	3.062	36.0
12	509344	FRQ-509344000363	3.447	3.451	3.442	16	3.116	3.126	3.073	37.0
13	509344	FRQ-509344000386	3.4428	3.449	3.439	16	3.111	3.123	3.063	37.0
14	509344	FRQ-509344000349	3.4492	3.452	3.447	16	3.103	3.115	3.058	39.0
15	509344	FRQ-509344000512	3.4442	3.45	3.441	17	3.104	3.113	3.066	38.0
16	509344	FRQ-509344000524	3.4447	3.449	3.441	17	3.109	3.115	3.083	39.0
17	509344	FRQ-509344000362	3.4464	3.451	3.44	17	3.109	3.117	3.081	40.0
18	509344	FRQ-509344000341	3.4485	3.453	3.445	18	3.107	3.128	3.069	41.0
19	509344	FRQ-509344000493	3.4476	3.449	3.446	18	3.087	3.112	3.037	40.0
20	509344	FRQ-509344000537	3.4446	3.449	3.44	18	3.090	3.102	3.037	40.0
21	509344	FRQ-509344000533	3.4437	3.452	3.438	17	3.089	3.106	3.069	39.0
22	509344	FRQ-509344000532	3.4433	3.45	3.437	18	3.072	3.092	3.035	39.0
23	509344	FRQ-509344000536	3.4413	3.449	3.436	16	3.086	3.106	3.019	39.0
24	509344	FRQ-509344000494	3.4462	3.45	3.442	17	3.080	3.106	3.027	40.0
25	509344	FRQ-509344000342	3.4438	3.452	3.44	17	3.096	3.116	2.990	40.0
26	509344	FRQ-509344000348	3.4471	3.449	3.445	18	3.096	3.113	3.038	41.0
27	509344	FRQ-509344000525	3.4445	3.448	3.44	17	3.103	3.112	3.061	40.0
28	509344	FRQ-509344000513	3.4435	3.451	3.439	17	3.100	3.112	3.038	40.0

Database Results



Power KW Graph

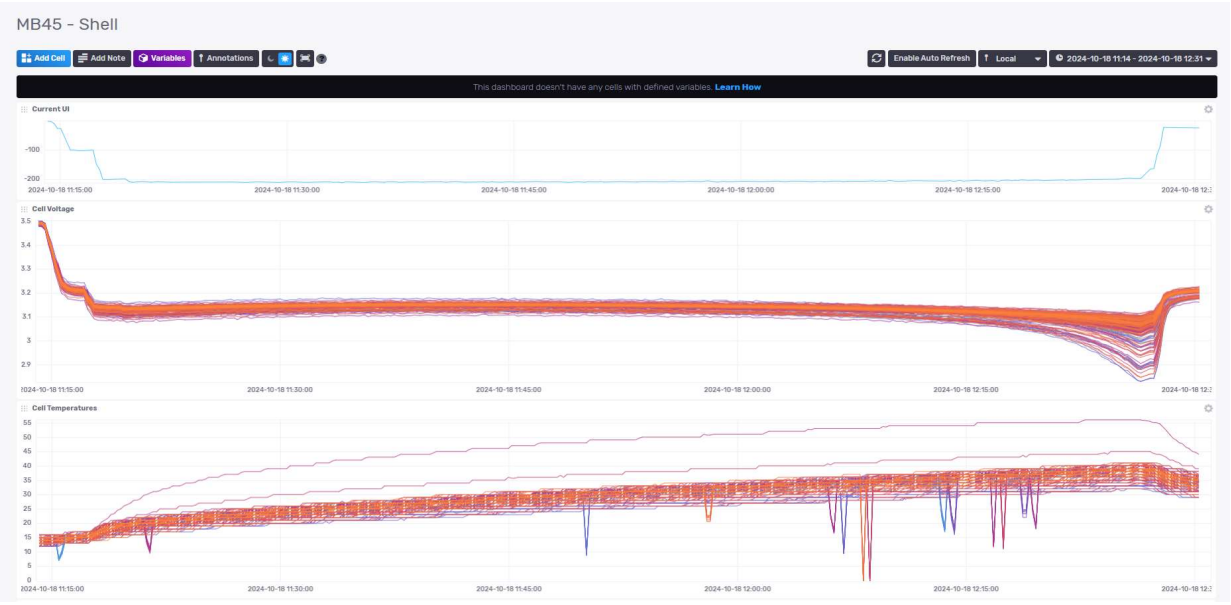


Final Test Report of Battery Rack

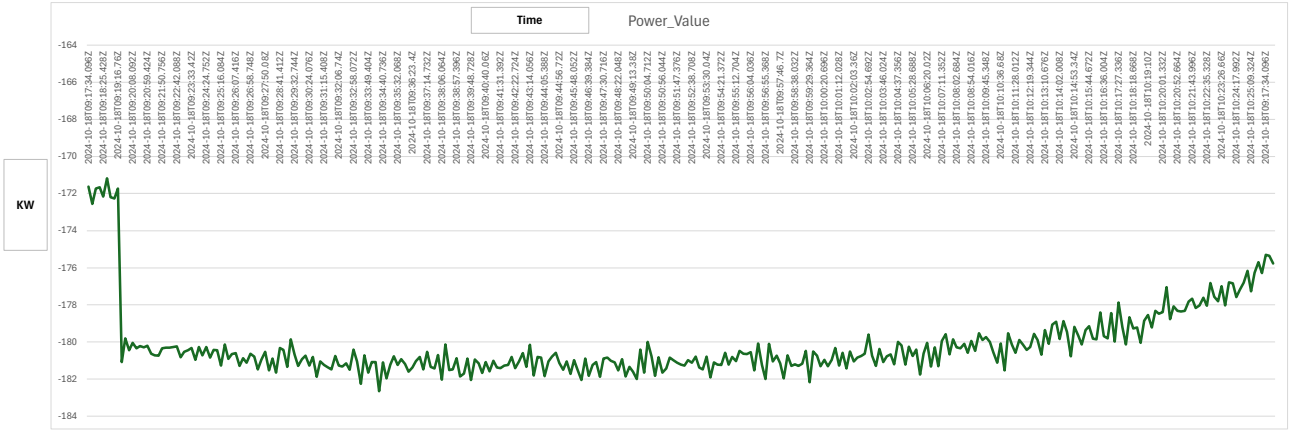
Customer	**Shell**	
Type of Test	Discharge - Battery Rack	
Date of Test	18-Oct-24	
Time -Start	11:14	**Uhr**
Time -Stop	12:31	**Uhr**
Duration of Test	01:17	**Stunde:Min**
Avg. Runing Current	-204.39	**A**
Avg. Runing Power	-180.14	**KW**
SOC Before Test	100.00	**%**
SOC After Test	12	**%**
Rack Capacity	280	**Kwh**
Generated Energy	-231.18	**Kwh**

Container 4.2 - Rack 05 -DCPort 03			Before Test Values.				After Test Values			
Module Serial No.	Artikel No.	Module Serial No.	Module Voltage1 V	Max. Cell Voltage1 V	Min. Cell Voltage1 V	Max Temperature1 C°	Module Voltage2 V	Max. Cell Voltage2 V	Min. Cell Voltage2 V	Max Temperature2 C°
1	509344	FRQ-509344000431	3.576	3.578	3.575	16.0	3.058	3.090	2.981	40.0
2	509344	FRQ-509344000432	3.571	3.572	3.569	15.0	3.068	3.092	2.967	39.0
3	509344	FRQ-509344000405	3.570	3.572	3.567	14.0	3.035	3.068	2.884	39.0
4	509344	FRQ-509344000407	3.571	3.572	3.569	15.0	3.039	3.081	2.891	40.0
5	509344	FRQ-509344000353	3.570	3.574	3.567	15.0	3.024	3.061	2.882	40.0
6	508972	FRQ-508972001539	3.571	3.572	3.569	15.0	3.095	3.107	3.076	39.0
7	509344	FRQ-509344000392	3.573	3.574	3.571	15.0	3.014	3.065	2.820	41.0
8	509344	FRQ-509344000393	3.573	3.576	3.571	14.0	3.025	3.072	2.812	39.0
9	509344	FRQ-509344000369	3.573	3.575	3.572	14.0	3.029	3.061	2.961	37.0
10	509344	FRQ-509344000354	3.574	3.575	3.573	14.0	3.029	3.066	2.880	37.0
11	509344	FRQ-509344000406	3.575	3.579	3.572	15.0	3.031	3.069	2.865	36.0
12	509344	FRQ-509344000409	3.574	3.575	3.572	15.0	3.062	3.075	3.032	38.0
13	509344	FRQ-509344000433	3.574	3.576	3.572	14.0	3.052	3.092	2.946	36.0
14	509344	FRQ-509344000430	3.577	3.579	3.576	15.0	3.048	3.079	2.863	39.0
15	509344	FRQ-509344000429	3.576	3.577	3.574	14.0	3.063	3.090	2.961	39.0
16	509344	FRQ-509344000435	3.577	3.578	3.575	15.0	3.046	3.082	2.920	40.0
17	509344	FRQ-509344000082	3.576	3.578	3.575	15.0	3.062	3.095	2.912	39.0
18	508972	FRQ-508972000274	3.577	3.578	3.575	14.0	3.110	3.123	3.089	39.0
19	509344	FRQ-509344000355	3.577	3.579	3.576	15.0	3.044	3.094	2.855	40.0
20	509344	FRQ-509344000371	3.576	3.579	3.574	16.0	3.033	3.083	2.894	40.0
21	509344	FRQ-509344000394	3.578	3.579	3.576	16.0	3.049	3.081	2.949	40.0
22	509344	FRQ-509344000395	3.578	3.580	3.576	16.0	3.038	3.085	2.869	40.0
23	509344	FRQ-509344000370	3.577	3.579	3.575	16.0	3.039	3.096	2.936	41.0
24	508972	FRQ-508972000459	3.578	3.581	3.576	16.0	3.109	3.123	3.072	39.0
25	509344	FRQ-509344000404	3.578	3.580	3.576	15.0	3.079	3.108	2.980	40.0
26	509344	FRQ-509344000411	3.577	3.579	3.575	16.0	3.056	3.091	2.893	40.0
27	509344	FRQ-509344000434	3.578	3.580	3.576	16.0	3.070	3.115	2.860	41.0
28	509344	FRQ-509344000428	3.577	3.580	3.575	15.0	3.067	3.097	2.951	40.0

Database Results



Power KW Graph



Final Test Report of Battery Rack

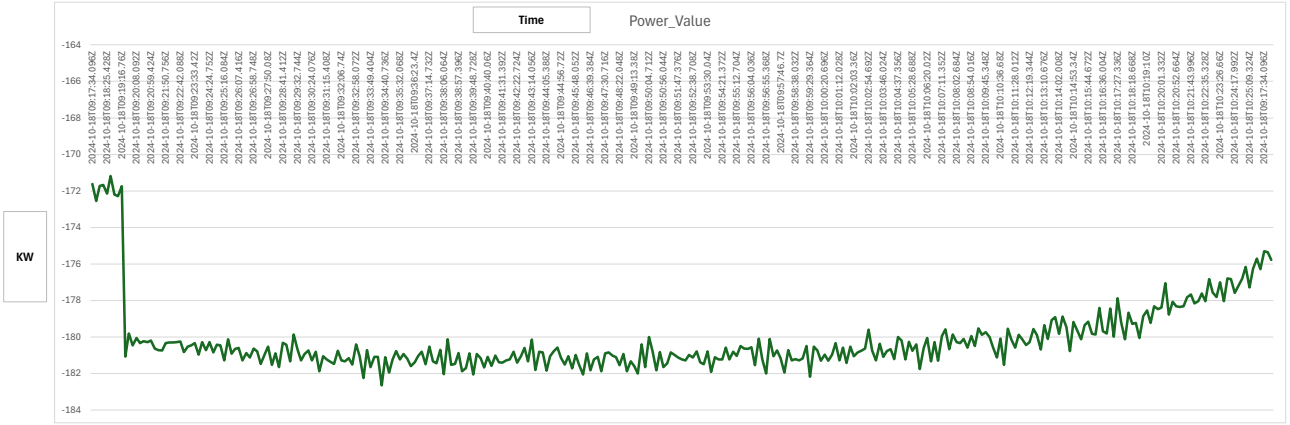
Customer	**Shell**	
Type of Test	Discharge - Battery Rack	
Date of Test	18-Oct-24	
Time -Start	11:14	**Uhr**
Time -Stop	12:31	**Uhr**
Duration of Test	01:17	**Stunde:Min**
Avg. Runing Current	-203.38	**A**
Avg. Runing Power	-180.14	**KW**
SOC Before Test	100.00	**%**
SOC After Test	12	**%**
Rack Capacity	280	**Kwh**
Generated Energy	-231.18	**Kwh**

Container 4.2 - Rack 06 - DCPort 03			Before Test Values.				After Test Values			
Module Serial No.	Artikel No.	Module Serial No.	Module Voltage1 V	Max. Cell Voltage1 V	Min. Cell Voltage1 V	Max Temperature1 C°	Module Voltage2 V	Max. Cell Voltage2 V	Min. Cell Voltage2 V	Max Temperature2 C°
1	509344	FRQ-509344000500	3.577	3.579	3.574	15.0	3.062	3.080	2.996	40.0
2	509344	FRQ-509344000499	3.578	3.579	3.574	15.0	3.058	3.078	3.001	40.0
3	509344	FRQ-509344000517	3.578	3.579	3.576	15.0	3.063	3.081	3.003	41.0
4	509344	FRQ-509344000487	3.578	3.580	3.575	15.0	3.043	3.070	2.988	41.0
5	509344	FRQ-509344000010	3.578	3.579	3.576	15.0	3.081	3.094	3.053	41.0
6	509344	FRQ-509344000495	3.577	3.580	3.576	14.0	3.016	3.052	2.967	40.0
7	509344	FRQ-509344000486	3.578	3.580	3.576	14.0	2.991	3.026	2.936	39.0
8	508972	FRQ-508972000379	3.579	3.581	3.577	13.0	3.072	3.084	3.028	40.0
9	509344	FRQ-509344000498	3.578	3.580	3.576	14.0	3.009	3.050	2.959	39.0
10	509344	FRQ-509344000527	3.578	3.581	3.576	14.0	3.055	3.089	3.004	39.0
11	509344	FRQ-509344000488	3.579	3.580	3.577	13.0	3.048	3.077	3.006	36.0
12	509344	FRQ-509344000518	3.577	3.579	3.574	14.0	3.067	3.080	3.009	37.0
13	509344	FRQ-509344000501	3.577	3.578	3.576	13.0	3.058	3.080	3.034	36.0
14	509344	FRQ-509344000504	3.576	3.578	3.569	14.0	3.062	3.085	2.969	39.0
15	509344	FRQ-509344000505	3.576	3.579	3.574	14.0	3.042	3.075	3.003	39.0
16	509344	FRQ-509344000502	3.577	3.579	3.576	14.0	3.076	3.095	3.056	41.0
17	509344	FRQ-509344000515	3.577	3.579	3.574	15.0	3.083	3.104	3.036	42.0
18	509344	FRQ-509344000489	3.576	3.577	3.575	15.0	3.071	3.102	3.019	41.0
19	509344	FRQ-509344000528	3.574	3.576	3.572	16.0	3.057	3.090	3.011	46.0
20	509344	FRQ-509344000497	3.573	3.575	3.572	15.0	3.033	3.081	2.971	41.0
21	509344	FRQ-509344000484	3.574	3.575	3.572	16.0	3.027	3.069	2.972	40.0
22	509344	FRQ-509344000483	3.574	3.576	3.573	15.0	3.013	3.054	2.975	41.0
23	509344	FRQ-509344000496	3.575	3.577	3.574	15.0	3.052	3.083	3.006	41.0
24	509344	FRQ-509344000529	3.576	3.579	3.574	15.0	3.071	3.093	3.035	40.0
25	509344	FRQ-509344000490	3.575	3.577	3.573	14.0	3.072	3.097	3.023	40.0
26	509344	FRQ-509344000516	3.576	3.577	3.574	15.0	3.090	3.099	3.068	41.0
27	508972	FRQ-508972001571	3.571	3.578	3.567	16.0	3.086	3.095	3.062	40.0
28	508972	FRQ-508972001492	3.576	3.578	3.575	16.0	3.084	3.092	3.072	40.0

Database Results



Power KW Graph



Final Test Report of Battery Rack

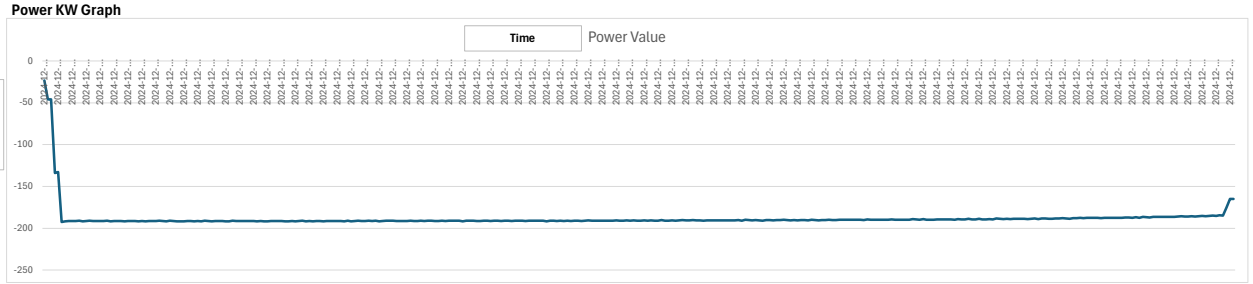
Customer	**Shell**	
Type of Test	Discharge - Battery Rack	
Date of Test	01-Dec-24	
Time -Start	10:45	**Uhr**
Time -Stop	12:01	**Uhr**
Duration of Test	01:16	**Stunde:Min**
Avg. Runing Current	-214.68	**A**
Avg. Runing Power	-188.32	**KW**
SOC Before Test	100.00	**%**
SOC After Test	3.33	**%**
Rack Capacity	280	**Kwh**
Generated Energy	-238.54	**Kwh**

Container 4.1 - Rack 07 - DCPort 04			Before Test Values.				After Test Values			
Module	Artikel	Module Serial No.	Module Voltage1	Max. Cell Voltage1	Min. Cell Voltage1	Max Temperature1	Module Voltage2	Max. Cell Voltage2	Min. Cell Voltage2	Max Temperature2
Serial No.	No.	No.	V	V	V	C°	V	V	V	C°
1	508972	FRQ-508972000280	3.554	3.562	3.544	21.0	3.081	3.088	3.067	46.0
2	509344	FRQ-509344000098	3.563	3.564	3.562	21.0	3.069	3.085	3.009	46.0
3	509344	FRQ-509344000194	3.563	3.564	3.562	21.0	3.084	3.090	3.065	46.0
4	509344	FRQ-509344000120	3.563	3.565	3.560	21.0	3.065	3.087	2.971	46.0
5	509344	FRQ-509344000195	3.563	3.564	3.562	20.0	3.085	3.091	3.066	45.0
6	509344	FRQ-509344000199	3.563	3.564	3.562	21.0	3.081	3.087	3.063	46.0
7	509344	FRQ-509344000203	3.563	3.564	3.561	21.0	3.073	3.083	3.043	46.0
8	509344	FRQ-509344000202	3.563	3.564	3.562	21.0	3.079	3.084	3.060	46.0
9	509344	FRQ-509344000198	3.563	3.564	3.562	20.0	3.076	3.088	3.014	45.0
10	509344	FRQ-509344000174	3.563	3.564	3.562	20.0	3.062	3.084	2.980	45.0
11	509344	FRQ-509344000119	3.563	3.564	3.562	19.0	3.068	3.092	2.993	39.0
12	509344	FRQ-509344000185	3.563	3.564	3.562	20.0	3.087	3.110	3.067	41.0
13	509344	FRQ-509344000100	3.564	3.564	3.563	20.0	3.062	3.085	2.962	41.0
14	509344	FRQ-509344000105	3.562	3.564	3.560	21.0	3.062	3.087	2.975	46.0
15	509344	FRQ-509344000110	3.563	3.564	3.562	20.0	3.063	3.100	2.968	45.0
16	509344	FRQ-509344000099	3.562	3.564	3.561	20.0	3.068	3.090	2.978	46.0
17	509344	FRQ-509344000184	3.562	3.564	3.561	21.0	3.083	3.091	3.059	46.0
18	509344	FRQ-509344000117	3.562	3.564	3.561	20.0	3.060	3.082	2.970	46.0
19	509344	FRQ-509344000196	3.562	3.564	3.561	21.0	3.080	3.085	3.062	47.0
20	508972	FRQ-508972000692	3.562	3.564	3.560	21.0	3.068	3.081	3.050	46.0
21	509344	FRQ-509344000204	3.563	3.564	3.561	21.0	3.075	3.085	3.054	47.0
22	509344	FRQ-509344000205	3.562	3.564	3.560	21.0	3.069	3.082	3.051	46.0
23	509344	FRQ-509344000201	3.563	3.565	3.561	21.0	3.074	3.083	3.061	46.0
24	509344	FRQ-509344000197	3.562	3.564	3.560	20.0	3.080	3.088	3.058	45.0
25	509344	FRQ-509344000118	3.562	3.564	3.560	20.0	3.055	3.082	2.948	45.0
26	509344	FRQ-509344000175	3.562	3.564	3.561	21.0	3.056	3.087	2.938	47.0
27	509344	FRQ-509344000097	3.563	3.564	3.561	21.0	3.054	3.078	2.951	46.0
28	509344	FRQ-509344000111	3.563	3.564	3.561	21.0	3.060	3.097	2.943	47.0

Database Results



Power KW Graph

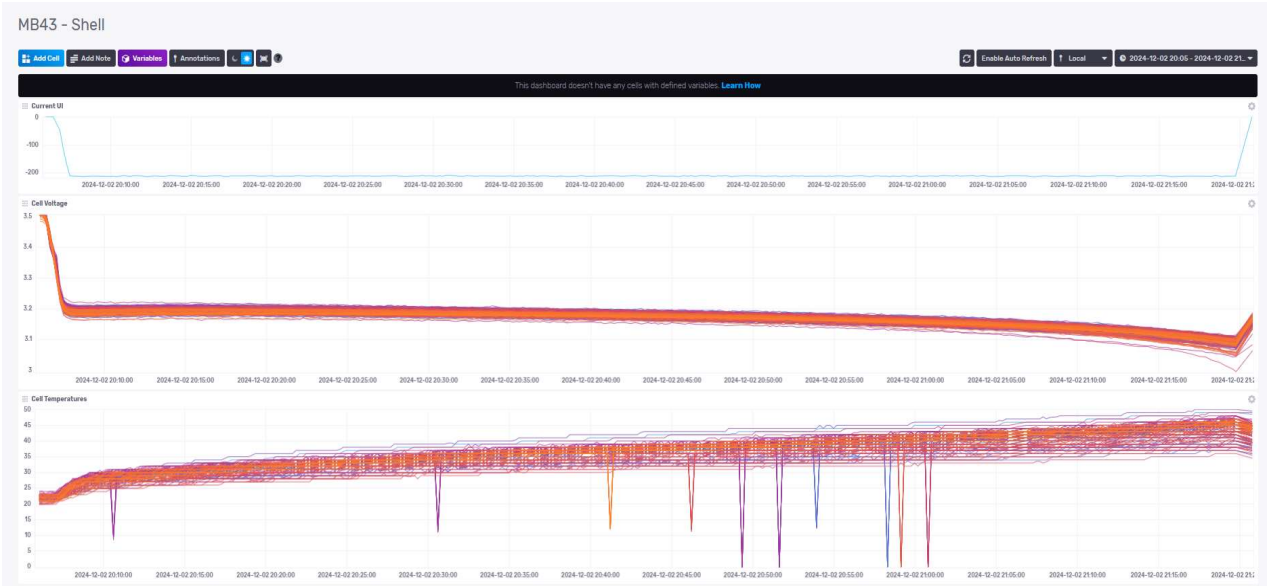


Final Test Report of Battery Rack

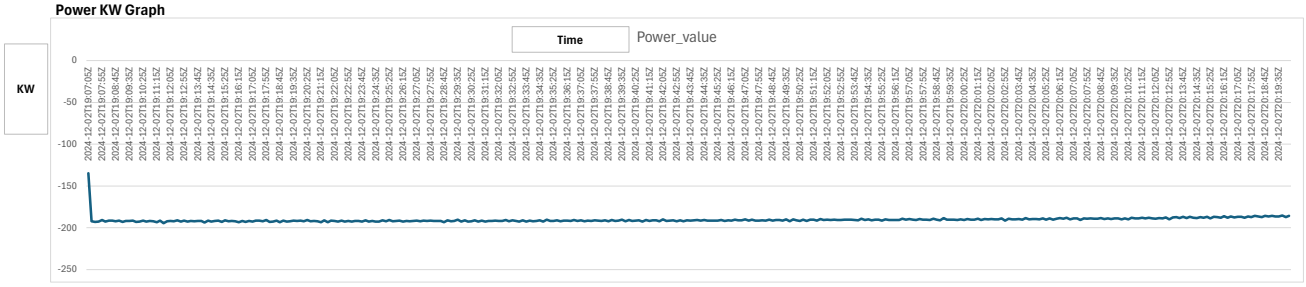
Customer	**Shell**	
Type of Test	Discharge - Battery Rack	
Date of Test	02-Dec-24	
Time -Start	20:07	**Uhr**
Time -Stop	21:20	**Uhr**
Duration of Test	01:13	**Stunde:Min**
Avg. Runing Current	-211.43	**A**
Avg. Runing Power	-190.43	**KW**
SOC Before Test	100.00	**%**
SOC After Test	7.23	**%**
Rack Capacity	280	**Kwh**
Generated Energy	-231.69	**Kwh**

Container 4.1 - Rack 03 - DCPort 02			Before Test Values.				After Test Values			
Module Serial No.	Artikel No.	Module Serial No.	Module Voltage1 V	Max. Cell Voltage1 V	Min. Cell Voltage1 V	Max Temperature1 C°	Module Voltage2 V	Max. Cell Voltage2 V	Min. Cell Voltage2 V	Max Temperature2 C°
1	508972	FRQ-508972000285	3.502	3.503	3.501	22.0	3.093	3.103	3.073	46.0
2	508972	FRQ-508972000302	3.502	3.503	3.501	23.0	3.093	3.098	3.079	46.0
3	508972	FRQ-508972000471	3.502	3.504	3.499	23.0	3.098	3.111	3.081	46.0
4	508972	FRQ-508972000410	3.502	3.503	3.501	22.0	3.093	3.101	3.075	46.0
5	508972	FRQ-508972000726	3.502	3.503	3.501	22.0	3.092	3.097	3.071	49.0
6	508972	FRQ-508972000469	3.503	3.503	3.502	22.0	3.089	3.095	3.074	46.0
7	508972	FRQ-508972000765	3.502	3.503	3.501	22.0	3.088	3.097	3.066	46.0
8	508972	FRQ-508972000314	3.502	3.503	3.501	22.0	3.089	3.097	3.067	46.0
9	508972	FRQ-508972000284	3.502	3.504	3.500	22.0	3.092	3.104	3.070	45.0
10	508972	FRQ-508972000303	3.502	3.503	3.501	22.0	3.095	3.107	3.082	45.0
11	508972	FRQ-508972000396	3.502	3.503	3.502	22.0	3.098	3.106	3.072	42.0
12	508972	FRQ-508972001027	3.502	3.503	3.501	22.0	3.092	3.106	3.070	42.0
13	508972	FRQ-508972000533	3.502	3.503	3.501	22.0	3.096	3.105	3.082	42.0
14	508972	FRQ-508972001445	3.502	3.503	3.501	22.0	3.085	3.094	3.052	45.0
15	509344	FRQ-509344000085	3.502	3.503	3.501	22.0	3.089	3.105	3.036	45.0
16	508972	FRQ-508972001450	3.503	3.506	3.502	22.0	3.090	3.098	3.062	48.0
17	508972	FRQ-508972000711	3.502	3.503	3.501	22.0	3.093	3.098	3.083	50.0
18	508972	FRQ-508972000319	3.502	3.503	3.502	22.0	3.093	3.102	3.083	46.0
19	508972	FRQ-508972000702	3.503	3.504	3.501	23.0	3.089	3.102	3.070	48.0
20	508972	FRQ-508972000035	3.503	3.503	3.502	23.0	3.071	3.099	2.961	48.0
21	508972	FRQ-508972000350	3.503	3.505	3.501	22.0	3.127	3.131	3.116	46.0
22	508972	FRQ-508972000545	3.502	3.503	3.501	23.0	3.132	3.142	3.121	46.0
23	508972	FRQ-508972000393	3.502	3.503	3.501	23.0	3.130	3.132	3.122	46.0
24	508972	FRQ-508972000529	3.502	3.503	3.501	23.0	3.134	3.142	3.119	46.0
25	508972	FRQ-508972000934	3.502	3.503	3.501	23.0	3.100	3.142	3.084	45.0
26	508972	FRQ-508972000723	3.502	3.503	3.501	23.0	3.167	3.170	3.161	46.0
27	508972	FRQ-508972000400	3.502	3.503	3.501	23.0	3.165	3.168	3.163	47.0
28	509344	FRQ-509344000530	3.497	3.503	3.483	24.0	3.156	3.160	3.146	47.0

Database Results



Power KW Graph



Final Test Report of Battery Rack

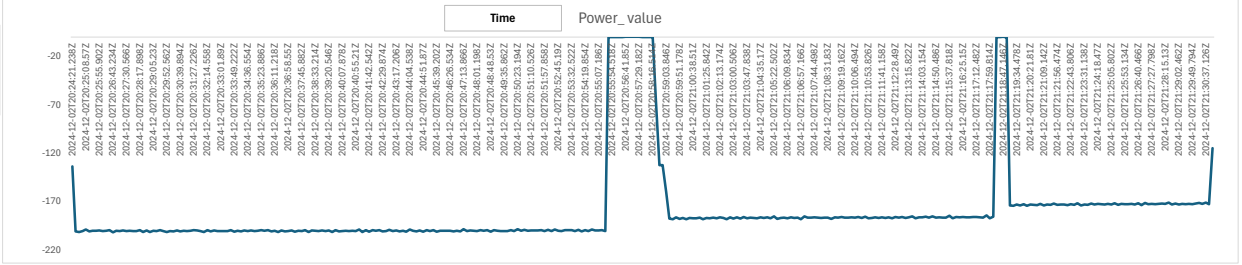
Customer	**Shell**	
Type of Test	Discharge - Battery Rack	
Date of Test	02-Dec-24	
Time -Start	21:25	**Uhr**
Time -Stop	22:33	**Uhr**
Duration of Test	01:08	**Stunde:Min**
Avg. Runing Current	-211.43	**A**
Avg. Runing Power	-183.93	**KW**
SOC Before Test	100.00	**%**
SOC After Test	19.88	**%**
Rack Capacity	280	**Kwh**
Generated Energy	-208.45	**Kwh**

Container 4.1 - Rack 05 - DCPort 03			Before Test Values.				After Test Values			
Module Serial No.	Artikel No.	Module Serial No.	Module Voltage1 V	Max. Cell Voltage1 V	Min. Cell Voltage1 V	Max Temperature1 C°	Module Voltage2 V	Max. Cell Voltage2 V	Min. Cell Voltage2 V	Max Temperature2 C°
1	509344	FRQ-509344000124	3.555	3.562	3.552	23.0	3.081	3.088	3.067	46.0
2	509344	FRQ-509344000191	3.559	3.563	3.556	23.0	3.069	3.085	3.009	46.0
3	509344	FRQ-509344000163	3.560	3.562	3.559	23.0	3.084	3.090	3.065	46.0
4	509344	FRQ-509344000149	3.556	3.559	3.554	23.0	3.065	3.087	2.971	46.0
5	509344	FRQ-509344000102	3.555	3.558	3.553	22.0	3.085	3.091	3.066	45.0
6	509344	FRQ-509344000193	3.554	3.557	3.551	22.0	3.081	3.087	3.063	46.0
7	509344	FRQ-509344000096	3.555	3.558	3.552	22.0	3.073	3.083	3.043	46.0
8	509344	FRQ-509344000095	3.556	3.560	3.554	21.0	3.079	3.084	3.060	46.0
9	509344	FRQ-509344000192	3.559	3.561	3.555	22.0	3.076	3.088	3.014	45.0
10	509344	FRQ-509344000101	3.554	3.559	3.551	22.0	3.062	3.084	2.980	45.0
11	509344	FRQ-509344000150	3.557	3.560	3.554	22.0	3.068	3.092	2.993	39.0
12	509344	FRQ-509344000352	3.546	3.551	3.543	22.0	3.087	3.110	3.067	41.0
13	509344	FRQ-509344000190	3.559	3.561	3.556	22.0	3.062	3.085	2.962	41.0
14	509344	FRQ-509344000125	3.556	3.559	3.553	22.0	3.062	3.087	2.975	46.0
15	509344	FRQ-509344000123	3.556	3.560	3.553	22.0	3.063	3.100	2.968	45.0
16	509344	FRQ-509344000189	3.559	3.561	3.557	22.0	3.068	3.090	2.978	46.0
17	509344	FRQ-509344000165	3.556	3.560	3.553	22.0	3.083	3.091	3.059	46.0
18	509344	FRQ-509344000151	3.557	3.561	3.554	22.0	3.060	3.082	2.970	46.0
19	509344	FRQ-509344000112	3.558	3.562	3.554	22.0	3.080	3.085	3.062	47.0
20	509344	FRQ-509344000187	3.560	3.562	3.558	19.0	3.068	3.081	3.050	46.0
21	509344	FRQ-509344000094	3.556	3.561	3.551	22.0	3.075	3.085	3.054	47.0
22	509344	FRQ-509344000093	3.554	3.559	3.552	23.0	3.069	3.082	3.051	46.0
23	509344	FRQ-509344000186	3.559	3.561	3.555	23.0	3.074	3.083	3.061	46.0
24	509344	FRQ-509344000113	3.555	3.559	3.552	23.0	3.080	3.088	3.058	45.0
25	508972	FRQ-508972001046	3.556	3.559	3.554	22.0	3.055	3.082	2.948	45.0
26	509344	FRQ-509344000166	3.553	3.555	3.545	23.0	3.056	3.087	2.938	47.0
27	509344	FRQ-509344000188	3.559	3.561	3.557	23.0	3.054	3.078	2.951	46.0
28	509344	FRQ-509344000122	3.555	3.561	3.551	23.0	3.060	3.097	2.943	47.0

Database Results



Power KW Graph



Final Test Report of Battery Rack

Customer	**Shell**	
Type of Test	Discharge - Battery Rack	
Date of Test	04-Dec-24	
Time -Start	11:05	**Uhr**
Time -Stop	12:07	**Uhr**
Duration of Test	01:02	**Stunde:Min**
Avg. Runing Current	-214.83	**A**
Avg. Runing Power	-189.06	**KW**
SOC Before Test	100.00	**%**
SOC After Test	19.46	**%**
Rack Capacity	280	**Kwh**
Generated Energy	-195.36	**Kwh**

Container 4.1 - Rack 07/Rack22 - DCPort 04			Before Test Values.				After Test Values			
Module Serial No.	Artikel No.	Module Serial No.	Module Voltage1 V	Max. Cell Voltage1 V	Min. Cell Voltage1 V	Max Temperature1 C°	Module Voltage2 V	Max. Cell Voltage2 V	Min. Cell Voltage2 V	Max Temperature2 C°
1	509344	FRQ-509344000542	3.576	3.577	3.572	21.0	3.119	3.126	3.088	43.0
2	509344	FRQ-509344000546	3.577	3.579	3.575	21.0	3.128	3.134	3.110	43.0
3	509344	FRQ-509344000550	3.576	3.578	3.574	21.0	3.132	3.140	3.116	43.0
4	509344	FRQ-509344000553	3.576	3.578	3.572	21.0	3.134	3.152	3.099	42.0
5	508972	FRQ-508972000772	3.571	3.572	3.569	8.0	3.083	3.097	3.062	40.0
6	509344	FRQ-509344000086	3.569	3.572	3.568	8.0	3.090	3.102	3.060	36.0
7	509344	FRQ-509344000040	3.572	3.574	3.570	7.0	3.083	3.095	3.071	34.0
8	509344	FRQ-509344000308	3.574	3.577	3.569	6.0	3.081	3.091	3.053	35.0
9	508972	FRQ-508972000054	3.571	3.573	3.569	8.0	3.085	3.094	3.056	37.0
10	509344	FRQ-509344000410	3.569	3.575	3.565	8.0	3.058	3.072	3.007	38.0
11	508972	FRQ-508972001017	3.572	3.575	3.561	10.0	3.078	3.085	3.052	44.0
12	509344	FRQ-509344000549	3.576	3.578	3.573	22.0	3.129	3.138	3.112	44.0
13	509344	FRQ-509344000545	3.575	3.578	3.574	22.0	3.123	3.149	3.078	44.0
14	509344	FRQ-509344000540	3.575	3.578	3.573	21.0	3.113	3.121	3.084	44.0
15	509344	FRQ-509344000541	3.577	3.579	3.575	21.0	3.105	3.114	3.080	44.0
16	509344	FRQ-509344000543	3.569	3.571	3.567	22.0	3.135	3.153	3.109	43.0
17	509344	FRQ-509344000547	3.575	3.578	3.573	22.0	3.135	3.142	3.115	43.0
18	509344	FRQ-509344000552	3.571	3.572	3.570	22.0	3.113	3.121	3.090	44.0
19	509344	FRQ-509344000078	3.573	3.575	3.570	9.0	3.106	3.115	3.061	39.0
20	509344	FRQ-509344000200	3.570	3.572	3.565	7.0	3.105	3.114	3.082	37.0
21	509344	FRQ-509344000351	3.568	3.574	3.566	8.0	2.993	3.024	2.924	37.0
22	509344	FRQ-509344000485	3.568	3.571	3.567	8.0	3.030	3.060	2.972	34.0
23	508972	FRQ-508972000182	3.571	3.573	3.567	9.0	3.087	3.098	3.052	38.0
24	508972	FRQ-508972000336	3.572	3.575	3.569	9.0	3.086	3.110	3.072	40.0
25	509344	FRQ-509344000551	3.575	3.576	3.573	21.0	3.132	3.153	3.108	44.0
26	509344	FRQ-509344000548	3.574	3.577	3.572	21.0	3.132	3.139	3.113	42.0
27	509344	FRQ-509344000544	3.575	3.577	3.573	21.0	3.122	3.133	3.090	43.0
28	509344	FRQ-509344000539	3.576	3.578	3.573	20.0	3.125	3.132	3.107	42.0

Database Results



Power KW Graph

