

NO	Voc (V)	Isc (A)	Pmax (W)	Vm (V)	Im (A)	FF (%)	n (%)
21202613096	45.741	5.448	185.82	37.005	5.021	74.6	17.3
21202613073	45.896	5.43	186.74	37.34	5.001	74.9	17.4
21202613102	46.013	5.37	187.556	37.382	5.017	75.9	17.5
21202613101	46.165	5.412	187.754	37.593	4.994	75.1	17.5
21202613100	46.032	5.292	187.665	37.516	5.002	77	17.5
21202613097	45.732	5.356	187.374	37.184	5.039	76.5	17.5
21202613077	46.339	5.378	188.585	37.761	4.994	75.7	17.6
21202613078	45.877	5.296	187.104	37.312	5.015	77	17.5
21202613076	46.347	5.401	188.908	37.703	5.01	75.5	17.6
21202613053	46.03	5.311	187.891	37.471	5.014	76.9	17.5
21202613093	45.902	5.357	186.007	37.464	4.965	75.6	17.4
21202613058	46.1	5.341	188.617	37.516	5.028	76.6	17.6
21202613065	45.787	5.273	186.846	37.36	5.001	77.4	17.4
21202613057	45.861	5.292	187.491	37.255	5.033	77.3	17.5
21202613056	45.854	5.307	187.128	37.172	5.034	76.9	17.5
21202613054	46.085	5.318	188.203	37.547	5.013	76.8	17.6
21202613055	46.094	5.29	187.517	37.642	4.982	76.9	17.5
21202613063	46.062	5.339	187.65	37.335	5.026	76.3	17.5
21202613064	46.069	5.28	187.433	37.367	5.016	77.1	17.5
21202613094	46.427	5.3	185.581	37.655	4.928	75.4	17.3
21202613072	46.082	5.381	186.59	37.304	5.002	75.2	17.4
21202613061	46.04	5.471	186.433	37.133	5.021	74	17.4
21202613059	45.89	5.44	185.485	37.123	4.997	74.3	17.3
21202613071	45.885	5.364	186.515	37.104	5.027	75.8	17.4
21202613066	45.938	5.34	187.247	37.157	5.039	76.3	17.5
21202613089	45.94	5.318	186.945	37.167	5.03	76.5	17.4
21202613087	46.457	5.4	188.159	37.65	4.998	75	17.6
21202613062	45.93	5.299	187.483	37.226	5.036	77	17.5
21202613091	46.354	5.396	188.202	37.568	5.01	75.2	17.6
21202613117	45.608	5.422	186.589	37.073	5.033	75.5	17.4
21202613069	45.6	5.381	186.604	37.092	5.031	76	17.4
21202613116	45.754	5.495	187.055	37.078	5.045	74.4	17.5
21202613092	45.692	5.436	185.838	36.912	5.035	74.8	17.3
21202613070	45.791	5.383	187.224	37.105	5.046	76	17.5
21202613067	45.267	5.324	186.508	36.761	5.073	77.4	17.4
21202613090	45.503	5.401	187.572	37.119	5.053	76.3	17.5
21202613032	45.873	5.444	188.645	37.274	5.061	75.5	17.6
21202613048	45.784	5.438	187.578	37.279	5.032	75.3	17.5
21202613031	45.814	5.394	186.954	37.218	5.023	75.7	17.4
21202713016	45.873	5.46	187.825	37.248	5.043	75	17.5
21202713111	45.985	5.414	189.482	37.59	5.041	76.1	17.7
21202713114	46.013	5.518	189.49	37.426	5.063	74.6	17.7
21202713073	45.753	5.402	189.463	37.442	5.06	76.7	17.7
21202713034	45.761	5.406	189.264	37.25	5.081	76.5	17.7
21202713112	46.026	5.449	189.373	37.545	5.044	75.5	17.7
21202713071	45.784	5.393	189.358	37.408	5.062	76.7	17.7
21202713035	45.801	5.359	188.292	37.304	5.048	76.7	17.6
21202713070	45.942	5.41	189.275	37.486	5.049	76.2	17.7
21202713110	45.678	5.407	188.775	37.172	5.078	76.4	17.6
21202713024	45.408	5.285	186.407	36.668	5.084	77.7	17.4
21202713055	46.067	5.399	188.133	37.576	5.007	75.6	17.6
21202713056	45.875	5.422	187.993	37.295	5.041	75.6	17.5

21202613030	46.192	5.419	187.885	37.578	5	75.1	17.5
21202613044	45.668	5.355	187.269	37.016	5.059	76.6	17.5
21202613046	45.684	5.346	187.367	37.012	5.062	76.7	17.5
21202613051	46.168	5.446	187.419	37.445	5.005	74.5	17.5
21202713057	45.879	5.338	187.47	37.343	5.02	76.5	17.5
21202713098	45.915	5.403	187.969	37.456	5.018	75.8	17.5
21202613120	45.445	5.383	185.581	36.908	5.028	75.9	17.3
21202613052	45.932	5.385	187.419	37.379	5.014	75.8	17.5
21202613049	45.78	5.369	187.536	37.232	5.037	76.3	17.5
21202713037	45.953	5.353	187.03	37.245	5.022	76	17.5
21202713060	46.134	5.398	188.668	37.599	5.018	75.8	17.6
21202613098	45.495	5.344	185.724	36.671	5.065	76.4	17.3
21202713087	45.316	5.25	186.193	36.725	5.07	78.3	17.4
21202713013	45.735	5.303	186.278	37.154	5.014	76.8	17.4
21202713015	45.701	5.431	186.569	37.038	5.037	75.2	17.4
21202613081	45.591	5.3	186.807	36.903	5.062	77.3	17.4
21202613099	45.553	5.352	186.754	36.785	5.077	76.6	17.4
21202713088	46.015	5.398	187.929	37.382	5.027	75.7	17.5
21202613041	45.97	5.37	187.782	37.317	5.032	76.1	17.5
21202713099	46.245	5.398	188.185	37.64	5	75.4	17.6
21202613085	45.979	5.376	187.179	37.242	5.026	75.7	17.5
21202713100	45.497	5.419	186.252	36.889	5.049	75.5	17.4
21202713021	46.187	5.398	188.559	37.598	5.015	75.6	17.6
21202713023	45.519	5.412	187.081	36.853	5.076	75.9	17.5
21202713022	46.182	5.381	187.76	37.632	4.989	75.6	17.5
21202713090	46.156	5.42	188.026	37.529	5.01	75.2	17.5
21202713062	46.133	5.308	186.864	37.521	4.98	76.3	17.4
21202713072	45.762	5.343	188.459	37.241	5.06	77.1	17.6
21202713025	45.795	5.246	187.13	37.169	5.035	77.9	17.5
21202613118	46.129	5.316	186.947	37.578	4.975	76.2	17.4
21202613122	45.998	5.33	187.845	37.357	5.028	76.6	17.5
21202613025	45.918	5.344	186.107	37.261	4.995	75.8	17.4
21202613019	46.209	5.368	187.265	37.524	4.99	75.5	17.5
21202613108	46.077	5.363	186.847	37.35	5.003	75.6	17.4
21202613083	45.805	5.29	187.006	37.215	5.025	77.2	17.5
21202713050	46.048	5.352	186.672	37.447	4.985	75.7	17.4
21202713048	46.165	5.356	185.486	37.513	4.945	75	17.3
21202613050	46.21	5.378	187.454	37.562	4.991	75.4	17.5
21202713047	46.221	5.413	187.036	37.475	4.991	74.8	17.5
21202613018	46.022	5.373	186.374	37.335	4.992	75.4	17.4
21202713101	45.726	5.338	186.561	37.23	5.011	76.4	17.4
21202713028	45.7	5.316	186.614	37.376	4.993	76.8	17.4
21202613024	46.111	5.393	186.557	37.411	4.987	75	17.4
21202613111	45.831	5.326	185.939	37.204	4.998	76.2	17.4
21202613035	46.104	5.358	186.712	37.479	4.982	75.6	17.4
21202613109	45.762	5.324	186.653	37.085	5.033	76.6	17.4
21202713093	46.109	5.385	186.226	37.436	4.975	75	17.4
21202713089	45.837	5.358	185.524	37.074	5.004	75.5	17.3
21202713092	45.98	5.358	186.315	37.284	4.997	75.6	17.4
21202713020	45.749	5.322	186.813	37.188	5.023	76.7	17.4
21202613114	45.4	5.292	185.176	36.782	5.034	77.1	17.3
21202713091	45.588	5.389	185.356	36.96	5.015	75.4	17.3
21202613022	45.66	5.348	184.729	37.048	4.986	75.6	17.2

21202713017	45.515	5.365	183.752	36.76	4.999	75.3	17.1
21202713026	45.613	5.385	186.153	37.103	5.017	75.8	17.4
21202613084	45.708	5.423	185.806	37.103	5.008	75	17.3
21202713014	45.771	5.395	186.433	37.155	5.018	75.5	17.4
21202713053	45.745	5.414	185.402	37.104	4.997	74.9	17.3
21203113013	45.47	5.307	181.616	36.753	4.942	75.3	16.9
21202513054	45.733	5.397	188.729	36.955	5.107	76.5	17.6
21202513087	46.264	5.448	190.043	37.496	5.068	75.4	17.7
21202513090	46.269	5.413	189.705	37.526	5.055	75.8	17.7
21202513091	46.276	5.396	190.099	37.498	5.07	76.1	17.7
21202513055	46.258	5.458	190.025	37.469	5.072	75.3	17.7
21202513062	46.064	5.432	188.346	37.282	5.052	75.3	17.6
21202513095	46.271	5.453	189.523	37.559	5.046	75.1	17.7
21202513093	46.039	5.445	189.534	37.249	5.088	75.6	17.7
21202513092	45.923	5.399	188.913	37.172	5.082	76.2	17.6
21202713059	46.308	5.479	191.074	37.576	5.085	75.3	17.8
21202713044	46.192	5.42	191.099	37.508	5.095	76.3	17.8
21202713121	46.43	5.484	191.554	37.631	5.09	75.2	17.9
21202713045	45.761	5.31	189.547	36.719	5.162	78	17.7
21202713081	46.182	5.409	190.745	37.345	5.108	76.4	17.8
21202613038	46.502	5.496	191.722	37.67	5.089	75	17.9
21202613036	46.501	5.476	191.169	37.583	5.087	75.1	17.8
21202613037	46.517	5.481	192.132	37.695	5.097	75.4	17.9
21202613017	46.208	5.441	190.636	37.418	5.095	75.8	17.8
21202613039	46.199	5.437	190.331	37.322	5.1	75.8	17.8
21202613082	45.67	5.339	188.167	36.77	5.117	77.2	17.6
21202613115	45.589	5.375	188.177	36.654	5.134	76.8	17.6
21203113066	45.596	5.265	181.599	36.988	4.91	75.6	16.9
21203113039	45.629	5.255	182.24	37.123	4.909	76	17
21203113018	45.744	5.338	181.986	36.935	4.927	74.5	17
21203113052	45.724	5.28	182.511	37.07	4.923	75.6	17
21203113050	45.578	5.171	181.919	36.838	4.938	77.2	17
21203113053	45.705	5.223	176.854	38.128	4.638	74.1	16.5
21203113055	45.561	5.284	177.515	37.7	4.709	73.7	16.6
21203113019	45.53	5.173	183.22	36.958	4.958	77.8	17.1
21203113082	45.755	5.303	183.938	36.893	4.986	75.8	17.2
21202613105	45.889	5.348	189.427	37.29	5.08	77.2	17.7
21202613104	46.34	5.401	190.492	37.766	5.044	76.1	17.8
21202613106	46.328	5.409	189.588	37.73	5.025	75.7	17.7
21202613015	46.405	5.389	191.23	37.878	5.049	76.5	17.8
21202613103	46.049	5.378	188.47	37.392	5.04	76.1	17.6
21202613033	46.421	5.458	191.67	37.951	5.05	75.7	17.9
21202613034	46.361	5.373	190.96	37.782	5.054	76.7	17.8
21202513056	46.454	5.392	190.8	37.865	5.039	76.2	17.8
21203113015	45.448	5.198	178.804	37.419	4.778	75.7	16.7
21203113079	45.418	5.293	179.085	37.507	4.775	74.5	16.7
21203113049	45.648	5.25	180.401	37.307	4.836	75.3	16.8
21203113037	45.507	5.178	181.061	36.951	4.9	76.8	16.9
21203113051	45.396	5.215	183.019	36.49	5.016	77.3	17.1
21203113054	45.714	5.311	180.722	37.582	4.809	74.4	16.9
21203113035	45.506	5.213	182.226	37.019	4.922	76.8	17
21203113032	45.548	5.157	180.81	37.198	4.861	77	16.9
21203113016	45.71	5.099	178.152	37.638	4.733	76.4	16.6

21203113033	45.772	5.31	184.972	36.986	5.001	76.1	17.3
21203113064	45.317	5.141	179.213	36.662	4.888	76.9	16.7
21202613023	45.994	5.395	187.261	37.39	5.008	75.5	17.5
21202613047	45.864	5.324	187.849	37.461	5.015	76.9	17.5
21202613021	46.146	5.379	188.969	37.528	5.035	76.1	17.6
21203113048	45.47	5.201	178.303	37.442	4.762	75.4	16.6
21203113021	45.314	5.273	182.058	36.669	4.965	76.2	17
21203113068	45.457	5.336	181.292	36.954	4.906	74.7	16.9
21203113070	45.33	5.255	182.192	36.736	4.96	76.5	17
21202613042	46.175	5.354	189.311	37.663	5.026	76.6	17.7
21202613113	46.223	5.389	190.004	37.601	5.053	76.3	17.7
21202713027	46.177	5.33	189.853	37.784	5.025	77.1	17.7
21202713019	45.903	5.389	188.932	37.432	5.047	76.4	17.6
21202613088	46.183	5.43	189.309	37.543	5.042	75.5	17.7
21202613027	46.204	5.384	189.031	37.658	5.02	76	17.6
21203113017	45.534	5.334	182.6	36.913	4.947	75.2	17
21202713058	46.205	5.444	190.11	37.648	5.05	75.6	17.7
21202713113	46.243	5.383	190.199	37.725	5.042	76.4	17.7
21202713102	46.238	5.367	190.774	37.769	5.051	76.9	17.8
21203113030	45.209	5.266	178.962	36.925	4.847	75.2	16.7
21202713096	45.406	5.279	186.565	36.86	5.061	77.8	17.4
21202713074	45.989	5.361	189.02	37.696	5.014	76.7	17.6
21202713075	46.125	5.363	188.607	37.549	5.023	76.2	17.6
21202713038	46.091	5.426	188.972	37.548	5.033	75.6	17.6
21202713109	45.29	5.293	184.833	36.792	5.024	77.1	17.2
21202713107	46.021	5.318	188.061	37.51	5.014	76.8	17.5
21202713031	45.917	5.324	187.673	37.535	5	76.8	17.5
21202713106	46.071	5.416	188.899	37.593	5.025	75.7	17.6
21202713068	45.91	5.338	188.634	37.454	5.036	77	17.6
21202713051	46.049	5.386	188.66	37.541	5.025	76.1	17.6
21202713052	46.097	5.359	188.114	37.618	5.001	76.2	17.6
21202713018	45.952	5.354	188.293	37.351	5.041	76.5	17.6
21202713103	46.11	5.378	189.218	37.552	5.039	76.3	17.7
21202713030	46.158	5.377	189.413	37.673	5.028	76.3	17.7
21202613040	45.733	5.313	188.285	37.177	5.065	77.5	17.6
21202613028	45.828	5.355	187.475	37.262	5.031	76.4	17.5
21202613112	46.152	5.4	188.077	37.506	5.015	75.5	17.6
21202613026	45.835	5.332	186.389	37.254	5.003	76.3	17.4
21202613110	46.187	5.218	181.558	38.191	4.754	75.3	16.9
21202713085	46.223	5.387	189.876	37.605	5.049	76.3	17.7
21202713065	46.189	5.401	189.924	37.693	5.039	76.1	17.7
21202713064	46.206	5.405	189.666	37.692	5.032	75.9	17.7
21202713036	45.792	5.288	187.904	37.341	5.032	77.6	17.5
21202713041	46.191	5.379	188.813	37.632	5.017	76	17.6
21202713104	45.894	5.388	188.635	37.188	5.073	76.3	17.6
21202713086	46.202	5.397	189.142	37.568	5.035	75.8	17.6
21202513089	46.192	5.41	188.792	37.5	5.034	75.5	17.6
21202613043	45.688	5.303	187.917	37.089	5.067	77.6	17.5
21202713029	46.078	5.42	190.001	37.507	5.066	76.1	17.7
21202613119	46.2	5.422	188.375	37.424	5.033	75.2	17.6
21202713049	46.173	5.379	188.297	37.537	5.016	75.8	17.6
21202713097	46.24	5.379	188.679	37.513	5.03	75.9	17.6
21202713032	46.101	5.436	189.942	37.53	5.061	75.8	17.7

21202613068	46.238	5.379	188.699	37.539	5.027	75.9	17.6
21202613020	46.29	5.404	189.334	37.67	5.026	75.7	17.7
21202713069	46.293	5.386	189.342	37.771	5.013	75.9	17.7
21202713067	46.246	5.403	189.085	37.701	5.015	75.7	17.6
21202713108	46.078	5.372	189.899	37.618	5.048	76.7	17.7
21202713054	46.101	5.396	189.732	37.546	5.053	76.3	17.7
21202713105	46.109	5.343	189.679	37.568	5.049	77	17.7
21202713033	46.321	5.367	190.999	37.914	5.038	76.8	17.8
21202713083	46.347	5.41	190.162	37.742	5.039	75.8	17.7
21202713046	46.301	5.383	189.389	37.668	5.028	76	17.7
21202713040	46.298	5.385	189.963	37.711	5.037	76.2	17.7
21202713076	45.858	5.394	189.841	37.237	5.098	76.8	17.7
21202713061	46.107	5.407	189.938	37.567	5.056	76.2	17.7
21202713063	46.262	5.33	189.21	37.748	5.012	76.7	17.7
21202713039	46.306	5.377	190.722	37.839	5.04	76.6	17.8
21202713116	46.319	5.397	190.517	37.801	5.04	76.2	17.8
21202713117	46.341	5.403	190.471	37.741	5.047	76.1	17.8
21202713118	46.408	5.374	191.09	37.859	5.047	76.6	17.8
21202713115	45.921	5.37	188.24	37.364	5.038	76.3	17.6