MOTOR VERSION	VOLTAGE LiPo [V]	PROPELLER SIZE	THROTTLE RANGE	AMPERAGE [A]	POWER INPUT [W]	POWER INPUT [HP]	THRUST OUTPUT [g]	THRUST OUTPUT [N]	THRUST OUTPUT [lb]	EST. THRUST AT SEALEVEL* [g]	EST. THRUST AT SEALEVEL* [N]	EST. THRUST AT SEALEVEL* [lb]	RPM [rev/min]	TORQUE [Nm]	Efficiency [g/W]
KDE5215-220kV	25.2V [6S]	18.5" x 6.3 DUAL-EDN (KDE)	25.00%	1.2	30	0.04	381	3.74	0.84	418	4.10	0.92	1900	0.08	12.61
			37.50%	2.1	53	0.07	595	5.84	1.31	653	6.40	1.44	2380	0.14	11.25
			50.00%	3.2	81	0.11	828	8.12	1.83	908	8.91	2.00	2870	0.18	10.26
			62.50%	5.1	129	0.17	1211	11.88	2.67	1328	13.03	2.93	3310	0.26	9.42
			75.00%	7.5	189	0.25	1635	16.04	3.61	1793	17.59	3.95	3960	0.32	8.65
			87.50%	10.3	260	0.35	2080	20.40	4.59	2281	22.37	5.03	4480	0.41	8.01
			100.00%	13.0	328	0.44	2467	24.20	5.44	2705	26.54	5.97	4915	0.52	7.53
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	1.3	33	0.04	427	4.19	0.94	468	4.59	1.03	1710	0.09	12.84
			37.50%	2.4	60	0.08	754	7.40	1.66	827	8.11	1.82	2210	0.17	12.63
			50.00%	3.9	99	0.13	1134	11.12	2.50	1244	12.20	2.74	2720	0.25	11.42
			62.50%	6.2	156	0.21	1576	15.46	3.47	1728	16.95	3.81	3230	0.38	10.10
			75.00%	9.0	227	0.30	2016	19.78	4.45	2211	21.69	4.88	3710	0.48	8.87
			87.50%	12.8	323	0.43	2585	25.35	5.70	2834	27.81	6.25	4220	0.63	8.01
			100.00%	16.5	417	0.56	2967	29.11	6.54	3254	31.92	7.18	4590	0.73	7.12
		21.5" x 7.3 DUAL-EDN (KDE)	25.00%	1.5	37	0.05	469	4.61	1.04	515	5.05	1.14	1540	0.12	12.76
			37.50%	3.0	76	0.10	963	9.44	2.12	1056	10.36	2.33	2100	0.24	12.73
			50.00%	5.3	133	0.18	1474	14.46	3.25	1616	15.86	3.56	2590	0.37	11.06
			62.50%	8.5	214	0.29	2027	19.89	4.47	2223	21.81	4.90	3070	0.54	9.49
			75.00%	12.6	318	0.43	2705	26.54	5.97	2966	29.10	6.54	3550	0.70	8.52
			87.50%	17.3	435	0.58	3416	33.51	7.53	3746	36.75	8.26	3960	0.88	7.86
			100.00%	22.2	558	0.75	4012	39.35	8.85	4399	43.16	9.70	4300	1.03	7.19
		21.5" x 7.3 TRIPLE-EDN (KDE)	25.00%	1.7	44	0.06	559	5.48	1.23	613	6.01	1.35	1480	0.16	12.74
			37.50%	3.9	98	0.13	1060	10.40	2.34	1163	11.41	2.56	2060	0.32	10.79
			50.00%	6.8	171	0.23	1655	16.24	3.65	1816	17.81	4.00	2540	0.48	9.66
			62.50%	10.8	272	0.36	2309	22.65	5.09	2532	24.84	5.58	3000	0.67	8.48
			75.00%	16.3	411	0.55	3070	30.12	6.77	3367	33.03	7.43	3460	0.87	7.47
			87.50%	22.2	559	0.75	3787	37.15	8.35	4153	40.74	9.16	3830	1.09	6.77
			100.00%	28.2	711	0.95	4506	44.20	9.94	4941	48.47	10.90	4150	1.29	6.34
KDE5215-220kV	33.6V [8S]	15.5" x 5.3 DUAL-EDN (KDE)	25.00%	1.5	50	0.07	446	4.38	0.98	490	4.80	1.08	2800	0.09	8.86
			37.50%	2.5	84	0.11	707	6.94	1.56	776	7.61	1.71	3520	0.14	8.42
			50.00%	3.4	114	0.15	918	9.01	2.03	1007	9.88	2.22	3990	0.18	8.04
			62.50%	4.7	158	0.21	1213	11.90	2.68	1330	13.05	2.93	4560	0.23	7.68
			75.00%	6.7	225	0.30	1580	15.50	3.48	1733	17.00	3.82	5180	0.30	7.02
			87.50%	9.4	316	0.42	2088	20.48	4.60	2290	22.46	5.05	5910	0.38	6.61
			100.00%	12.5	420	0.56	2573	25.24	5.67	2822	27.68	6.22	6530	0.48	6.13
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	1.6	52	0.07	517	5.07	1.14	567	5.56	1.25	2590	0.10	9.86
			37.50%	2.5	84	0.11	867	8.51	1.91	951	9.33	2.10	3180	0.16	10.37
			50.00%	3.9	129	0.17	1194	11.71	2.63	1309	12.84	2.89	3770	0.24	9.23
			62.50%	5.8	194	0.26	1601	15.70	3.53	1755	17.22	3.87	4410	0.32	8.24
			75.00%	8.2	275	0.37	2045	20.06	4.51	2243	22.00	4.95	5050	0.42	7.44
			87.50%	11.6	390	0.52	2578	25.29	5.69	2828	27.74	6.24	5720	0.54	6.60
			100.00%	15.0	504	0.68	3061	30.03	6.75	3357	32.93	7.40	6310	0.66	6.08
		18.5" x 6.3 DUAL-EDN (KDE)	25.00%	1.6	55	0.07	559	5.49	1.23	614	6.02	1.35	2390	0.12	10.15
			37.50%	2.8	92	0.12	887	8.70	1.96	973	9.54	2.15	2970	0.20	9.60
			50.00%	4.6	156	0.21	1387	13.61	3.06	1521	14.92	3.35	3640	0.29	8.92
			62.50%	7.1	238	0.32	1935	18.98	4.27	2122	20.81	4.68	4290	0.42	8.14
			75.00%	10.3	346	0.46	2574	25.25	5.68	2823	27.69	6.22	4920	0.54	7.44
			87.50%	14.4	483	0.65	3255	31.93	7.18	3570	35.02	7.87	5530	0.69	6.74
			100.00%	18.4	618	0.83	3880	38.06	8.56	4255	41.74	9.38	6030	0.83	6.28
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	1.8	60	0.08	654	6.42	1.44	718	7.04	1.58	2150	0.16	10.94
			37.50%	3.3	111	0.15	1026	10.07	2.26	1125	11.04	2.48	2800	0.27	9.23
			50.00%	5.8	196	0.26	1639	16.08	3.61	1797	17.63	3.96	3460	0.41	8.38
			62.50%	9.3	311	0.42	2362	23.17	5.21	2590	25.41	5.71	4090	0.58	7.59
			75.00%	13.7	460	0.62	3098	30.39	6.83	3398	33.33	7.49	4700	0.76	6.74
			87.50%	18.9	635	0.85	3853	37.80	8.50	4225	41.45	9.32	5240	0.94	6.07
			100.00%	23.9	802	1.08	4551	44.65	10.04	4991	48.96	11.01	5720	1.11	5.67
		21.5" x 7.3 DUAL-EDN (KDE)	25.00%	2.0	67	0.09	772	7.58	1.70	847	8.31	1.87	1960	0.19	11.49
			37.50%	4.4	148	0.20	1452	14.25	3.20	1593	15.62	3.51	2650	0.38	9.85
			50.00%	7.8	260	0.35	2230	21.87	4.92	2445	23.99	5.39	3270	0.57	8.56
			62.50%	12.6	424	0.57	3148	30.89	6.94	3453	33.87	7.61	3870	0.80	7.42
			75.00%	18.5	621	0.83	4097	40.19	9.03	4493	44.07	9.91	4410	1.05	6.59
			87.50%	25.3	849	1.14	5046	49.50	11.13	5534	54.29	12.21	4890	1.32	5.94
			100.00%	32.0	1076	1.44	5955	58.41	13.13	6530	64.06	14.40	5280	1.54	5.53
		21.5" x 7.3 TRIPLE-EDN (KDE)	25.00%	2.5	82	0.11	858	8.42	1.89	941	9.23	2.07	1890	0.30	10.42
			37.50%	5.3	179	0.24	1658	16.27	3.66	1818	17.84	4.01	2550	0.51	9.26
			50.00%	10.1	339	0.46	2654	26.04	5.85	2911	28.55	6.42	3180	0.79	7.82
			62.50%	15.3	515	0.69	3581	35.13	7.90	3928	38.53	8.66	3690	1.04	6.95
			75.00%	22.4	753	1.01	4595	45.07	10.13	5039	49.43	11.11	4180	1.34	6.10
			87.50%	30.4	1022	1.37	5673	55.65	12.51	6221	61.03	13.72	4600	1.61	5.55
			100.00%	38.6	1297	1.74	6495	63.71	14.32	7123	69.87	15.71	4950	1.88	5.01
KDE5215-220kV	42.0V [10S]	15.5" x 5.3 DUAL-EDN (KDE)	25.00%	1.9	96	0.11	685	6.72	1.51	751	7.37	1.66	3460	0.14	7.15
			37.50%	3.1	156	0.17	1028	10.08	2.27	1127	11.05	2.49	4230	0.20	6.58
			50.00%	4.3	217	0.24	1335	13.10	2.94	1464	14.37	3.23	4870	0.26	6.16
			62.50%	6.3	318	0.35	1775	17.41	3.91	1946	19.09	4.29	5570	0.34	5.59
			75.00%	9.8	494	0.55	2479	24.32	5.47	2719	26.67	6.00	6550	0.47	5.02
			87.50%	13.5	680	0.76	3149	30.89	6.94	3453	33.88	7.62	7360	0.60	4.63
			100.00%	17.2	866	0.96	3710	36.40	8.18	4069	39.92	8.97	7990	0.72	4.28
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	2.0	83	0.11	831	8.15	1.83	911	8.94	2.01	3080	0.15	10.04
			37.50%	3.2	134	0.18	1180	11.58	2.60	1294	12.70	2.85	3770	0.24	8.81
			50.00%	5.1	214	0.29	1652	16.20	3.64	1811	17.77	3.99	4530	0.34	7.71
			62.50%	7.4	310	0.42	2151	21.10	4.74	2359	23.14	5.20	5210	0.45	6.94
			75.00%	11.2	469	0.63	2865	28.10	6.32	3142	30.82	6.93	6070	0.60	6.11
			87.50%	16.4	687	0.92	3637	35.68	8.02	3988	39.13	8.80	6930	0.78	5.29
			100.00%	20.3	852	1.14	4187	41.08	9.23	4592	45.05	10.13	7520	0.92	4.91
		18.5" x 6.3 DUAL-EDN (KDE)	25.00%	2.0	85	0.11	875	8.58	1.93	959	9.41	2.12	2840	0.17	10.26
			37.50%	3.6	151	0.20	1343	13.18	2.96	1473	14.45	3.25	3560	0.28	8.88
			50.00%	6.1	255	0.34	2017	19.78	4.45	2212	21.70	4.88	4350	0.43	7.90
			62.50%	9.2	388	0.52	2716	26.64	5.99	2978	29.22	6.57	5060	0.57	7.00
			75.00%	13.8	579	0.78	3660	35.91	8.07	4014	39.38	8.85	5860	0.77	6.32
			87.50%	20.2	846	1.13	4695	46.06	10.35	5149	50.51	11.36	6650	1.00	5.55
			100.00%	25.3	1062	1.42	5453	53.50	12.03	5980	58.67	13.19	7200	1.18	5.13
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	2.3	95	0.13	1064	10.43	2.35	1166	11.44	2.57	2560	0.21	11.25
			37.50%	4.5	187	0.25	1714	16.82	3.78	1880	18.44	4.15	3360	0.38	9.15
			50.00%	7.9	330	0.44	2532	24.83	5.58	2776	27.24	6.12	4150	0.60	7.67
			62.50%	12.1	509	0.68	3409	33.44	7.52	3738	36.67	8.24	4850	0.81	6.70
			75.00%	18.1	762	1.02	4467	43.82	9.85	4898	48.05	10.80	5570	1.06	5.86
			87.50%	25.4	1066	1.43	5470	53.66	12.06	5999	58.85	13.23	6240	1.33	5.13
			100.00%	32.7	1373	1.84	6371	62.50	14.05	6987	68.54	15.41	6740	1.58	4.64
		21.5" x 7.3 DUAL-EDN (KDE)	25.00%	2.7	113	0.15	1139	11.17	2.51	1249	12.25	2.75	2380	0.30	10.04
			37.50%	6.1	255	0.34	2113	20.73	4.66	2317	22.73	5.11	3180	0.52	8.28
			50.00%	10.8	455	0.61	3251	31.90	7.17	3566	34.98	7.86	3930	0.80	7.14
			62.50%	16.8	706	0.95	4440	43.56	9.79	4870	47.77	10.74	4570	1.12	6.29
			75.00%	24.3	1019	1.37	5670	55.62	12.50	6218	61.00	13.71	5150	1.45	5.56
			87.50%	33.8	1419	1.90	6963	68.30	15.36	7636	74.91	16.84	5690	1.80	4.91
			100.00%	43.0	1807	2.42	8063	79.10	17.78	8843	86.75	19.50	6090	2.05	4.46
		21.5" x 7.3 TRIPLE-EDN (KDE)	25.00%	3.4	144	0.19	1353	13.28	2.98	1484	14.56	3.27	2310	0.45	9.42
			37.50%	7.2	304	0.41	2444	23.98	5.39	2681	26.30	5.91	3030	0.66	8.04
			50.00%	13.1	549	0.74	3664	35.95	8.08	4018	39.42	8.86	3710	0.99	6.67
			62.50%	20.7	870	1.17	4944	48.50	10.90	5422	53.19	11.96	4320	1.37	5.68
			75.00%	29.5	1239	1.66	6158	60.41	13.58	6753	66.25	14.89	4810	1.69	4.97
			87.50%	40.0	1678	2.25	7307	71.68	16.11	8013	78.61	17.67	5170	2.08	4.35
			100.00%	51.4	2158	2.89	8262	81.05	18.22	9060	88.88	19.98	5570	2.37	3.83
KDE5215-220kV	50.4V [12S]	15.5" x 5.3 DUAL-EDN (KDE)	25.00%	2.3	113	0.15	813	7.97	1.79	891	8.74	1.97	3910	0.16	7.17
			37.50%	3.6	179	0.24	1274	12.50	2.81	1397	13.70	3.08	4730	0.24	7.12
			50.00%	5.1	258	0.35	1769	17.36	3.90	1940	19.04	4.28	5440	0.33	6.87
			62.50%	8.0	405	0.54	2544	24.96	5.61	2790	27.37	6.15	6430	0.46	6.28
			75.00%	11.9	600	0.80	3459	33.93	7.63	3793	37.21	8.37	7430	0.64	5.77
			87.50%	16.3	822	1.10	4229	41.49	9.33	4638	45.50	10.23	8290	0.79	5.15
			100.00%	21.0	1058	1.42	5150	50.52	11.36	5648	55.41	12.46	8990	0.95	4.87
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	2.4	121	0.16	915	8.98	2.02	1004	9.85	2.21	3560	0.20	7.57
			37.50%	3.9	195	0.26	1467	14.39	3.24	1609	15.79	3.55	4340	0.31	7.54
			50.00%	6.2	313	0.42	2173	21.31	4.79	2383	23.37	5.25	5200	0.44	6.94
			62.50%	9.6	485	0.65	2945	28.89	6.49	3230	31.68	7.12	6080	0.60	6.07
			75.00%	14.8	746	1.00	3986	39.10	8.79	4372	42.88	9.64	7120	0.82	5.34
			87.50%	20.6	1036	1.39	4990	48.95	11.00	5472	53.68	12.07	7970	1.05	4.82
			100.00%	26.1	1316	1.76	5825	57.15	12.85	6389	62.67	14.09	8640	1.23	4.43
		18.5" x 6.3 DUAL-EDN (KDE)	25.00%	2.5	124	0.17	1103	10.82	2.43	1210	11.87	2.67	3250	0.22	8.90
			37.50%	4.5	227	0.30	1791	17.57	3.95	1964	19.26	4.33	4110	0.37	7.89
			50.00%	7.5	380	0.51	2644	25.93	5.83	2899	28.44	6.39	4980	0.56	6.97
			62.50%	11.9	599	0.80	3712	36.41	8.19	4070	39.93	8.98	5860	0.77	6.20
			75.00%	18.5	932	1.25	5042	49.46	11.12	5530	54.25	12.20	6830	1.07	5.41
			87.50%	25.8	1301	1.74	6323	62.02	13.94	6934	68.02	15.29	7630	1.32	4.86
			100.00%	32.5	1635	2.19	7368	72.28	16.25	8080	79.27	17.82	8230	1.56	4.51
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	2.8	140	0.19	1212	11.89	2.67	1329	13.04	2.93	2960	0.27	8.65
			37.50%	5.6	283	0.38	2169	21.28	4.78	2379	23.34	5.25	3890	0.49	7.67
			50.00%	9.8	495	0.66	3277	32.15	7.23	3594	35.26	7.93	4750	0.77	6.62
			62.50%	15.4	776	1.04	4445	43.60	9.80	4874	47.82	10.75	5570	1.05	5.73
			75.00%	24.1	1214	1.63	5933	58.20	13.08	6506	63.83	14.35	6450	1.41	4.89
			87.50%	33.3	1679	2.25	7252	71.14	15.99	7953	78.02	17.54	7120	1.75	4.32
			100.00%	41.8	2106	2.82	8372	82.13	18.46	9181	90.07	20.25	7650	2.00	3.97
		21.5" x 7.3 DUAL-EDN (KDE)	25.00%	3.5	174	0.23	1619	15.89	3.57	1776	17.42	3.92	2740	0.43	9.31
			37.50%	7.1	360	0.48	2757	27.05	6.08	3023	29.66	6.67	3580	0.75	7.66
			50.00%	13.4	676	0.91	4321	42.39	9.53	4739	46.49	10.45	4460	1.11	6.39
			62.50%	20.8	1046	1.40	5746	56.36	12.67	6301	61.81	13.90	5170	1.49	5.49
			75.00%	30.5	1539	2.06	7275	71.37	16.05	7979	78.27	17.60	5810	1.83	4.73
			87.50%	44.0	2218	2.97	8800	86.33	19.41	9651	94.68	21.28	6390	2.28	3.97
			100.00%	55.8	2811	3.77	9774	95.88	21.55	10719	105.15	23.64	6730	2.49	3.48

Temperature: 68 deg F | Elevation: 3500' | Relative Humidity: 40% | Pressure: 1010 hPA

Tested on DC Power Supply with KDE-UAS125UVC on firmware version: D460337

Motor Edition Selected | Synchronous Rectification: Deactivated

*Calculated thrust at sealevel for that given RPM. Power requirements will vary.