MOTOR	VOLTAGE	PROPELLER	THROTTLE	AMPERAGE	POWE	RINPUT	TH	RUST OUT	PUT		RUST AT SE	ALEVEL*	RPM	TORQUE	Efficiency
VERSION	LiPO [V]	SIZE	25.00% 37.50%	[A] 1.6 2.5	[W] 39 63	(HP) 0.05 0.08	[g] 370 601	[N] 3.63 5.90	(lb) 0.82 1.33	(g) 406 660	[N] 3.98 6.47	0.90 1.45	[rev/min] 1870 2410	(Nm) 0.14 0.19	[g/W] 9.48 9.55
KDE6815- 2058V	25.2V [65]	18.5" x 6.3 DUAL-EDN (KDE)	50.00% 62.50%	3.5 4.9	87 123	0.12 0.17	793 1069	7.78 10.49	1.75 2.36	870 1173	8.54 11.50	1.92	2810 3280	0.23 0.29	9.10 8.68
			75.00% 87.50% 100.00%	7.0 10.1 13.3	177 255 335	0.24 0.34 0.45	1432 1903 2383	14.04 18.67 23.38	3.16 4.20 5.26	1570 2087 2614	15.40 20.48 25.64	3.46 4.60 5.76	3810 4410 4880	0.36 0.46 0.57	7.48 7.11
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00% 37.50%	1.6 2.7	41 69	0.05	433 812	4.25 7.96	0.96 1.79	475 890	4.66 8.73	1.05	1750 2230	0.10 0.17	10.61
			50.00% 62.50%	4.0 6.2	102 157	0.14	1042 1429	10.22	2.30 3.15	1143 1568	11.21 15.38	2.52 3.46	2660 3200	0.24	9.09
			75.00% 87.50% 100.00%	9.4 13.4 18.5	236 337 466	0.32 0.45 0.62	1901 2455 2924	18.65 24.08 28.69	4.19 5.41 6.45	2085 2692 3207	20.45 26.41 31.46	4.60 5.94 7.07	3760 4300 4790	0.46 0.62 0.77	8.06 7.27 6.28
		24	25.00% 37.50%	1.8	44 78	0.06	538 961	5.28 9.42	1.19 2.12	590 1053	5.79 10.33	1.30 2.32	1580 2050	0.12	12.14 12.34
		21.5" x 7.3 DUAL-EDN (KDE)	50.00% 62.50% 75.00%	5.3 8.8 13.5	133 221 339	0.18 0.30 0.45	1406 2046 2730	13.79 20.08 26.78	3.10 4.51 6.02	1541 2244 2994	15.12 22.02 29.37	3.40 4.95 6.60	2570 3120 3660	0.35 0.52 0.71	10.58 9.28 8.05
			87.50% 100.00%	19.4 26.2	490 661	0.66 0.89	3446 4240	33.80 41.60	7.60 9.35	3779 4650	37.07 45.62	8.33 10.26	4170 4630	0.92 1.15	7.04 6.42
		21.5" x 7.3	25.00% 37.50% 50.00%	1.9 3.9 6.6	48 91 166	0.06 0.12 0.22	554 971 1565	5.43 9.53 15.35	1.22 2.14 3.45	607 1065 1716	5.96 10.45 16.83	1.34 2.35 3.78	1450 1950 2490	0.18 0.31 0.51	11.53 10.68 9.43
		TRIPLE-EDN (KDE)	62.50% 75.00%	12.0 18.5	302 467	0.64	2443 3259	23.96 31.97	5.39 7.19	2679 3574	26.28 35.06	5.91 7.88	3030 3530	0.75	8.09 6.98
			87.50% 100.00% 25.00%	26.4 36.0	665 908	1.43 1.87	4138 5077 651	40.59 49.81	9.12 11.20	4538 5568	44.51 54.63	10.01 12.28	4010 4440	1.29 1.57	6.22 5.59
		24.5" x 8.1 DUAL-EDN (KDE)	25.00% 37.50% 50.00%	2.0 4.0 7.3	101 184	0.07 0.14 0.25	1177 1913	11.55 18.77	2.60 4.22	714 1291 2098	7.01 12.67 20.58	2.85 4.63	1430 1940 2470	0.19 0.35 0.56	12.92 11.68 10.40
			62.50% 75.00%	12.9 19.8	324 498	0.43 0.67	2834 3706	27.80 36.36	6.25 8.17	3108 4064	30.49 39.87	6.85 8.96	3010 3500	0.81 1.09	8.75 7.44
			87.50% 100.00% 25.00%	28.6 38.5 2.5	720 970 64	0.97 1.30 0.09	4639 5625 815	45.51 55.18 8.00	10.23 12.40	5088 6169 894	49.91 60.52 8.77	11.22 13.60	3960 4370 1360	1.43 1.73 0.28	6.44 5.80
		24.5" x 8.1 TRIPLE-EDN (KDE)	37.50% 50.00%	5.4 10.3	137 259	0.18 0.35	1455 2323	14.27 22.79	3.21 5.12	1596 2548	15.65 24.99	3.52 5.62	1870 2400	0.50	10.63 8.96
			62.50% 75.00% 87.50%	16.9 26.4 38.0	426 664 959	0.57 0.89 1.29	3269 4563 5713	32.07 44.77 56.05	7.21 10.06 12.60	3585 5005 6266	35.17 49.10 61.47	7.91 11.04 13.82	2870 3350 3770	1.12 1.54 1.93	7.68 6.87 5.96
			100.00% 25.00%	50.1 2.0	1263 68	1.69	6871 554	67.40 5.44	15.15	7535 608	73.92 5.96	16.62	4100 2450	2.32	5.44 8.13
KDE6815- 205kV		18.5" x 6.3 DUAL-EDN (KDE)	37.50% 50.00%	3.4 4.8	114 162	0.15 0.22	944 1322	9.26 12.96	2.08 2.91	1035 1449	10.16 14.22	2.28 3.20	3090 3610	0.20 0.28	8.29 8.18
	33.6V [85]		62.50% 75.00% 87.50%	7.2 11.1 15.8	241 374 532	0.32 0.50 0.71	1838 2627 3457	18.03 25.77 33.92	4.05 5.79 7.62	2016 2881 3792	19.78 28.27 37.20	4.45 6.35 8.36	4250 5020 5740	0.38 0.54 0.71	7.62 7.02 6.50
			87.50% 100.00% 25.00%	20.8	698 74	0.94	4240 706	41.59 6.92	9.35 1.56	4650 774	45.61 7.59	10.25 1.71	6340 2230	0.87 0.17	6.08 9.54
		18.5" x 6.3	37.50% 50.00%	3.8 6.1	126 203	0.17 0.27	1118 1626	10.97 15.95	2.47 3.59	1226 1783	12.03 17.49	2.70 3.93	2840 3460	0.27	8.85 8.00
		TRIPLE-EDN (KDE)	62.50% 75.00% 87.50%	9.6 15.1 22.1	323 507 741	0.43 0.68 0.99	2330 3199 4157	22.86 31.38 40.78	5.14 7.06 9.17	2555 3509 4559	25.07 34.42 44.72	5.64 7.74 10.05	4160 4920 5600	0.56 0.80 1.02	7.22 6.31 5.61
			100.00% 25.00%	28.7	965 80	1.29	5049 939	49.53	11.14	5537 1030	54.32 10.10	12.21	6170 2020	1.24 0.20	5.23
		21.5" x 7.3 DUAL-EDN (KDE)	37.50% 50.00%	4.4 8.3	149 279	0.20	1476 2322	14.48 22.78	3.25 5.12	1618 2546	15.88 24.98	3.57 5.62	2640 3350	0.36	9.89 8.32
			62.50% 75.00% 87.50%	13.9 21.8 31.5	467 732 1059	0.63 0.98 1.42	3419 4602 5847	33.54 45.15 57.36	7.54 10.15 12.90	3749 5047 6413	36.78 49.51 62.91	8.27 11.13 14.14	4040 4740 5370	0.89 1.19 1.51	7.32 6.29 5.52
			100.00% 25.00%	41.5 2.7	1395 91	1.87 0.12	7093 969	69.58 9.50	15.64 2.14	7779 1062	76.31 10.42	17.15 2.34	5900 1870	1.86 0.28	5.08 10.60
		21.5" x 7.3 TRIPLE-EDN (KDE)	37.50% 50.00% 62.50%	5.9 11.3 18.8	198 379 633	0.26 0.51 0.85	1777 2914 4075	17.43 28.58 39.97	3.92 6.43 8.99	1949 3195 4469	19.12 31.35 43.84	4.30 7.05 9.85	2550 3250 3900	0.51 0.87 1.21	8.99 7.69 6.44
			75.00% 87.50%	29.3 42.3	985 1420	1.32	5528 7095	54.23 69.60	12.19	6062 7781	59.47 76.33	13.37	4540 5120	1.62	5.61
			100.00% 25.00%	55.4 2.9	1862 97	2.50 0.13	8423 1095	82.63 10.74	18.58 2.42	9237 1201	90.62 11.78	20.37	5560 1850	2.46 0.28	4.52 11.28
		24.5" x 8.1 DUAL-EDN (KDE)	37.50% 50.00% 62.50%	6.3 12.2 20.7	210 409 696	0.28 0.55 0.93	2003 3297 4832	19.65 32.35 47.40	7.27 10.66	2196 3616 5299	21.55 35.47 51.99	4.84 7.97 11.69	2530 3220 3860	0.55 0.92 1.32	9.52 8.07 6.94
			75.00% 87.50%	32.3 45.5	1084 1530	1.45	6310 7989	61.90 78.37	13.92 17.62	6920 8761	67.89 85.95	15.26 19.32	4470 5020	1.78	5.82
			100.00% 25.00%	3.7	2019 124	0.17	9366 1177	91.88	20.66	10272	12.66	22.65	5440 1780 2440	0.50	9.47 8.52
		24.5" x 8.1 TRIPLE-EDN (KDE)	37.50% 50.00% 62.50%	8.2 16.4 26.7	277 550 896	0.37 0.74 1.20	2355 3907 5597	23.11 38.32 54.91	5.19 8.62 12.34	2583 4284 6138	25.34 42.03 60.22	5.70 9.45 13.54	3100 3680	0.85 1.34 1.87	7.10 6.25
			75.00% 87.50%	40.8 59.4	1372 1995	1.84 2.68	7348 9180	72.09 90.05	16.21 20.24	8059 10067	79.06 98.76	17.77 22.20	4180 4670	2.44 2.99	5.36 4.60
KDE6815- 205kV		18.5" x 6.3 DUAL-EDN (KDE)	100.00% 25.00% 37.50%	76.1 2.6 4.3	2558 108 179	3.43 0.14 0.24	10547 898 1428	103.46 8.81 14.01	23.26 1.98 3.15	11566 985 1566	9.66 15.36	25.51 2.17 3.45	4980 2960 3700	3.42 0.17 0.29	4.12 8.32 7.96
			50.00% 62.50%	6.5 10.2	274 428	0.37	2018 2886	19.79	4.45 6.37	2213 3165	21.71	4.88 6.98	4390 5240	0.41	7.37
			75.00% 87.50%	15.9 22.6	666 948	0.89 1.27	4026 5138	39.50 50.41	8.88 11.33	4415 5635	43.32 55.28	9.74 12.43	6150 7000	0.83 1.07	6.05 5.42
			100.00% 25.00% 37.50%	29.7 2.8 4.8	1249 116 202	0.15 0.27	6236 928 1537	9.10 15.08	13.75 2.05 3.39	6839 1017 1686	9.98 16.54	15.08 2.24 3.72	7730 2700 3400	0.19 0.34	4.99 8.03 7.62
		18.5" x 6.3 TRIPLE-EDN (KDE)	50.00% 62.50%	8.3 14.1	348 593	0.47	2439 3590	23.93 35.22	5.38 7.92	2675 3937	26.24 38.63	5.90 8.68	4220 5140	0.55	7.01 6.05
			75.00% 87.50%	21.6 31.0 41.0	909 1303 1723	1.22 1.75 2.31	4942 6254 7582	48.49 61.35 74.38	10.90 13.79 16.72	5420 6858 8315	53.17 67.28 81.57	11.95 15.13 18.34	5980 6800 7470	1.15 1.50 1.84	5.44 4.80 4.40
			100.00% 25.00% 37.50%	3.1	128	0.17	1218 2168	11.95 21.26	2.69	1336 2377	13.11	2.95	2430 3240	0.29	9.51 8.24
	42.0V [10S]	21.5" x 7.3 DUAL-EDN (KDE)	50.00% 62.50%	11.7 20.1	491 846	0.66 1.13	3485 5013	34.19 49.18	7.69 11.06	3822 5498	37.49 53.94	8.43 12.13	4090 4930	0.88 1.28	7.09 5.93
			75.00% 87.50% 100.00%	31.0 44.8 59.4	1300 1882 2496	1.74 2.52 3.35	6811 8801 10499	66.82 86.34 103.00	15.02 19.41 23.15	7470 9652 11514	73.28 94.68 112.96	16.47 21.29 25.39	5720 6450 7030	1.76 2.25 2.69	5.24 4.68 4.21
		21.5" x 7.3 TRIPLE-EDN (KDE)	25.00% 37.50%	3.7 8.3	157 347	0.21	1367 2662	13.41 26.12	3.02 5.87	1499 2919	14.71 28.64	3.31 6.44	2300 3120	0.33	8.73 7.66
			50.00% 62.50%	15.8 27.3 42.5	664 1147 1786	0.89 1.54 2.40	4343 6198 8327	42.60 60.81 81.69	9.58 13.67 18.36	4762 6798 9132	46.72 66.69 89.58	10.50 14.99 20.14	3940 4730 5440	1.17 1.70 2.30	6.54 5.40 4.66
			75.00% 87.50% 100.00%	59.5 76.5	2498 3213	3.35 4.31	10196 11827	100.03 116.02	22.49 26.08	11182 12970	109.70 127.24	24.66 28.60	6050 6470	2.94 3.35	4.08 4.08 3.68
		24.5" x 8.1 DUAL-EDN (KDE)	25.00% 37.50%	4.0 8.9	166 375	0.22 0.50	1805 3248	17.71 31.86	3.98 7.16	1980 3562	19.42 34.94	4.37 7.86	2280 3100	0.37	10.86 8.66
			50.00% 62.50% 75.00%	17.5 29.4 45.0	735 1235 1892	0.99 1.66 2.54	5179 7179 9346	50.81 70.42 91.69	11.42 15.83 20.61	5680 7873 10250	55.72 77.23 100.55	12.53 17.36 22.60	3900 4660 5320	1.33 1.92 2.58	7.05 5.81 4.94
	L		75.00% 87.50% 100.00%	64.1 83.3	2693 3500	3.61 4.69	11352 12813	111.36 125.69	25.04 28.26	12450 14051	122.13 137.84	27.46 30.99	5890 6270	3.13 3.60	4.21 3.66
KDE6815- 205kV	50.4V [125]	18.5" x 6.3 DUAL-EDN (KDE)	25.00% 37.50%	3.1 5.2	157 260	0.21 0.35	1274 2014	12.50 19.76	2.81 4.44	1397 2208	13.70 21.67	3.08 4.87	3440 4250	0.23	8.13 7.74
			50.00% 62.50% 75.00%	8.5 13.9 21.0	426 702 1057	0.57 0.94 1.42	2829 4070 5429	27.75 39.93 53.26	6.24 8.98 11.97	3102 4464 5954	30.43 43.79 58.41	6.84 9.84 13.13	5200 6240 7200	0.57 0.84 1.14	6.64 5.80 5.13
			87.50% 100.00%	30.5 41.3	1535 2080	2.06 2.79	6999 8602	68.66 84.38	15.44 18.97	7676 9434	75.30 92.54	16.93 20.80	8210 9200	1.50 1.85	4.56 4.14
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00% 37.50%	3.4 6.1	169 305	0.23 0.41	1354 2177	13.28 21.36	2.99 4.80	1485 2388	14.56 23.42	3.27 5.27	3120 3980	0.28 0.49 0.79	7.99 7.14
			50.00% 62.50% 75.00%	11.1 18.6 28.6	560 938 1441	0.75 1.26 1.93	3436 5042 6809	33.70 49.47 66.80	7.58 11.12 15.02	3768 5530 7467	36.96 54.25 73.25	8.31 12.20 16.47	4990 6020 6990	0.79 1.19 1.61	6.13 5.37 4.73
			87.50% 100.00%	41.5 54.7	2091 2755	2.80 3.70	8752 10446	85.85 102.48	19.30 23.04	9598 11456	94.15 112.38	21.17 25.27	7930 8670	2.08 2.51	4.19 3.79
		21.5" x 7.3 DUAL-EDN (KDE)	25.00% 37.50%	3.8 8.2 15.6	191 413 786	0.26 0.54 1.05	1641 2995 4790	16.10 29.38 46.99	3.62 6.60 10.56	1800 3284 5253	17.66 32.22 51.53	3.97 7.24 11.59	2810 3770 4780	0.40 0.72 1.20	8.59 7.25 6.09
			50.00% 62.50% 75.00%	15.6 26.7 41.8	1347 2104	1.05 1.81 2.82	7125 9309	69.90 91.32	10.56 15.71 20.53	7814 10209	76.65 100.15	17.23 22.51	5760 6630	1.74 2.35	5.29 4.42
			87.50% 100.00%	60.3 80.0	3039 4032	4.08 5.41	11664 13554	114.42 132.96	25.72 29.89	12792 14864	125.49 145.82	28.21 32.78	7400 7980	3.04 3.55	3.84 3.36
			Temp	erature: 68 de	g F Elevat	ion: 3500'	Relative	Humidity: 4	10% Press	ure: 1010 h	nPA .				

Temperature: 68 deg F | Elevation: 3500' | Relative Humidity: 40% | Pressure: 1010 hPA
Tested on DC Power Supply with KDE-UAS125UVC on firmware version: D460334

Motor Edition Selected | Synchronous Rectification: Deactivated

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