MOTOR VERSION	VOLTAGE Lipo [V]	PROPELLER SIZE	THROTTLE RANGE	AMPERAGE [A]	POWEF	[HP]	[g]	RUST OUTI	[lb]	[g]	RUST AT SE [N]	[lb]	[rev/min]	TORQUE [Nm]	Efficiency [g/W]
			25.00% 37.50%	1.1 2.1	27 53	0.04 0.07	364 681	3.57 6.68	0.80 1.50	399 747	3.92 7.33	0.88 1.65	1040 1450	0.10	13.48 12.93
		24.5" x 8.1 DUAL-EDN (KDE)	50.00% 62.50% 75.00%	3.6 5.6 8.1	90 141 205	0.12 0.19 0.28	1108 1578 2108	10.87 15.48 20.68	2.44 3.48 4.65	1215 1731 2311	11.92 16.98 22.67	2.68 3.82 5.10	1860 2210 2560	0.32 0.45 0.60	12.28 11.16 10.27
			87.50% 100.00%	11.8 15.4	297 389	0.40 0.52	2741 3348	26.89 32.84	6.05 7.38	3006 3671	29.49 36.02	6.63 8.10	2910 3220	0.79	9.22 8.60
			25.00% 37.50%	1.2	31 67	0.04	477 1064	4.68	1.05	523 1166	5.13 11.44	1.15	1040 1440	0.19	15.39 15.87
		24.5" x 8.1 TRIPLE-EDN (KDE)	50.00% 62.50%	4.9 7.4	122 187	0.16 0.25	1658 2204	16.26 21.62	3.66 4.86	1818 2417	17.84	4.01 5.33	1830 2170	0.44	13.57
			75.00% 87.50%	11.0 15.0	278 379	0.37	2862 3562	28.08 34.94	6.31 7.85	3139 3906	30.79 38.32	6.92 8.61	2490 2840	0.81 1.06	10.29 9.40
	25.2V [6S]		100.00% 25.00%	20.9	527 34	0.71	4172 571	40.93 5.60	9.20 1.26	4575 626	44.88 6.14	10.09	3110 1000	1.30 0.18	7.91 16.91
		27.5" x 8.9 DUAL-EDN (KDE)	37.50% 50.00%	2.9 5.3	73 133	0.10	1046 1591	10.26 15.61	2.31 3.51	1147 1745 2438	11.25 17.12	2.53 3.85	1410 1790	0.33	14.36 11.96
			62.50% 75.00% 87.50%	8.3 12.5 17.8	210 315 449	0.28 0.42 0.60	2223 2970 3784	21.81 29.13 37.12	4.90 6.55 8.35	2438 3257 4150	23.91 31.95 40.71	5.38 7.18 9.15	2120 2450 2780	0.76 1.00 1.28	10.60 9.42 8.42
KDE7215- 135kV			100.00%	23.6	593 41	0.80	4666 784	45.77 7.69	10.29	5117 860	50.20	11.28	3050 880	1.54	7.86 19.08
		27.5" x 8.9	37.50% 50.00%	3.7	94 172	0.13	1348 2024	13.23 19.86	2.97 4.46	1479 2220	14.51 21.78	3.26 4.90	1370 1730	0.47	14.38
		TRIPLE-EDN (KDE)	62.50% 75.00%	10.8 16.4	273 414	0.37	2753 3580	27.01 35.12	6.07 7.90	3020 3926	29.62 38.52	6.66 8.66	2060 2350	1.01	10.08 8.65
			87.50% 100.00%	23.5 30.7	591 774	0.79 1.04	4569 5414	44.82 53.11	10.08 11.94	5010 5938	49.15 58.25	11.05 13.09	2650 2900	1.69 2.03	7.73 6.99
		30.5" x 9.7	25.00% 37.50% 50.00%	1.8 4.0 7.5	45 102 190	0.06 0.14 0.25	794 1396 2332	7.79 13.70 22.87	1.75 3.08 5.14	871 1531 2557	8.54 15.02 25.08	1.92 3.38 5.64	990 1380 1730	0.23 0.48 0.79	17.64 13.71 12.29
		DUAL-EDN (KDE)	62.50% 75.00%	11.8	297 441	0.40	3335 4294	32.72 42.12	7.36 9.47	3658 4709	35.88 46.19	8.07	2040	1.12	11.22
			87.50% 100.00%	24.9 33.3	627 838	0.84	5351 6329	52.49 62.09	11.80 13.96	5868 6941	57.57 68.09	12.94 15.31	2600 2840	1.81	8.53 7.55
		30.5" x 9.7 TRIPLE-EDN (KDE)	25.00% 37.50%	2.1 4.9	53 124	0.07 0.17	1074 1832	10.54 17.97	2.37 4.04	1178 2009	11.55 19.71	2.60 4.43	950 1320	0.33 0.66	20.29 14.77
			50.00% 62.50% 75.00%	9.5 14.7	239 370	0.32	2703 3523	26.52 34.56	5.96 7.77	2965 3863	29.08 37.90	6.54 8.52	1670 1950	1.01	11.33 9.52
			87.50% 100.00%	21.7 30.1 39.7	546 760 999	0.73 1.02 1.34	4525 5450 6395	44.39 53.47 62.73	9.98 12.02 14.10	4962 5977 7013	48.68 58.63 68.80	10.94 13.18 15.47	2230 2480 2700	1.77 2.20 2.58	8.29 7.18 6.40
KDE7215- 1354V	33.6V [85]	24.5" x 8.1 DUAL-EDN (KDE)	25.00% 37.50%	1.5	49 101	0.07	593 1181	5.81 11.58	1.31	650 1295	6.38 12.70	1.43	1370 1920	0.18	12.16 11.64
			50.00% 62.50%	5.6 9.1	190 305	0.25 0.41	1928 2780	18.91 27.27	4.25 6.13	2114 3049	20.74 29.91	4.66 6.72	2450 2920	0.56	10.17 9.10
			75.00% 87.50%	13.4 18.3	449 616	0.60 0.83	3647 4560	35.78 44.73	8.04 10.06	4000 5001	39.24 49.06	8.82 11.03	3340 3750	1.04	8.13 7.41
		24.5" x 8.1 TRIPLE-EDN (KDE)	100.00% 25.00% 37.50%	25.2 1.8 4.0	848 60 134	0.08 0.18	5713 871 1667	56.05 8.54 16.35	12.60 1.92 3.68	6266 955 1828	9.37 17.93	2.11 4.03	4140 1340 1880	0.26 0.51	6.74 14.51 12.40
			50.00%	7.4 12.4	134 249 417	0.18 0.33 0.56	2497 3451	16.35 24.49 33.85	3.68 5.51 7.61	2738 3784	17.93 26.86 37.12	4.03 6.04 8.35	2380 2840	0.51 0.78 1.12	12.40 10.03 8.27
			75.00% 87.50%	17.6 24.1	591 811	0.79	4274 5329	41.93 52.28	9.43	4687 5844	45.98 57.33	10.34	3230 3600	1.43	7.24 6.57
			100.00% 25.00%	33.3 1.9	1119 65	1.50 0.09	6371 881	62.50 8.65	14.05	6987 967	68.54 9.48	15.41 2.13	3930 1320	2.13 0.29	5.69 13.52
		27.5" x 8.9 DUAL-EDN (KDE)	37.50% 50.00%	4.4 8.7	147 293	0.20 0.39	1758 2945	17.25 28.89	3.88 6.50	1928 3230	18.92 31.68	4.25 7.12	1840 2360	0.56 0.94	11.95 10.04
			62.50% 75.00% 87.50%	14.0 20.1	471 674	0.63	4085 5204	40.07 51.05	9.01 11.48	4480 5707	43.95 55.98	9.88 12.59	2790 3150	1.28	8.67 7.72
			100.00% 25.00%	28.5 37.4 2.5	957 1257 83	1.28 1.69 0.11	6517 7736 1200	63.93 75.89	14.37 17.06 2.65	7147 8484 1316	70.11 83.22 12.91	15.76 18.71 2.90	3520 3830 1300	2.08 2.45 0.39	6.81 6.15 14.40
13384		27.5" x 8.9 TRIPLE-EDN (KDE)	37.50% 50.00%	5.8 11.4	195 383	0.26	2185 3404	21.43	4.82 7.51	2396 3733	23.51	5.28 8.23	1790 2260	0.78	11.19
			62.50% 75.00%	17.5 26.5	587 889	0.79 1.19	4602 5904	45.14 57.92	10.15 13.02	5047 6475	49.51 63.52	11.13 14.28	2630 3000	1.65 2.13	7.83 6.64
			87.50% 100.00%	35.9 46.7	1207 1570	1.62 2.11	7280 8365	71.42 82.06	16.06 18.45	7984 9174	78.32 89.99	17.61 20.23	3310 3580	2.60 3.02	6.03 5.33
		30.5" x 9.7	25.00% 37.50% 50.00%	2.7 6.2 11.9	90 208 401	0.12 0.28 0.54	1216 2366 3752	11.93 23.21 36.80	2.68 5.22 8.27	1334 2595	13.08 25.46 40.36	2.94 5.72 9.07	1290 1770 2220	0.50 0.89 1.38	13.51 11.36 9.37
		DUAL-EDN (KDE)	62.50%	18.4 28.8	617 968	0.83	4918 6517	48.25 63.94	10.85 14.37	4114 5394 7148	52.91 70.12	11.90 15.76	2580 2940	1.82	7.98 6.74
			87.50% 100.00%	38.6 50.7	1295 1703	1.74	7963 9126	78.12 89.52	17.56	8733 10008	85.67 98.18	19.26	3220 3470	2.85	6.15 5.36
		30.5" x 9.7 TRIPLE-EDN (KDE)	25.00% 37.50%	3.2 7.7	109 258	0.15 0.35	1554 2847	15.25 27.93	3.43 6.28	1704 3123	16.72 30.63	3.76 6.89	1250 1700	0.60 1.08	14.32 11.05
			50.00% 62.50%	15.0 23.6	505 793	0.68 1.06	4287 5669	42.06 55.61	9.46 12.50	4702 6217	46.13 60.99	10.37	2120 2460	1.63 2.16	8.50 7.15
			75.00% 87.50% 100.00%	34.9 45.5 58.9	1171 1528 1979	1.57 2.05 2.65	7045 8171 9246	69.11 80.16 90.70	15.54 18.02 20.39	7726 8961 10140	75.80 87.91 99.47	17.04 19.76 22.36	2760 3010 3190	2.69 3.14 3.56	6.02 5.35 4.67
K0E7215- 135kV		24.5" x 8.1 DUAL-EDN (KDE)	25.00% 37.50%	1.9	80 179	0.11	918 1792	9.01 17.58	2.03	1007 1965	9.88 19.28	2.22	1680 2350	0.27	11.51
			50.00% 62.50%	7.9 12.9	333 541	0.45 0.73	2907 4078	28.52 40.00	6.41 8.99	3188 4472	31.28 43.87	7.03 9.86	2980 3540	0.83 1.17	8.72 7.53
			75.00% 87.50%	19.1 27.5	803 1154	1.08	5357 6811	52.55 66.81	11.81 15.02	5875 7469	57.63 73.27	12.96 16.47	4050 4570	1.57	6.67 5.90
		24.5" x 8.1 TRIPLE-EDN (KDE)	100.00% 25.00% 37.50%	35.8 2.4 5.6	1504 101 233	0.14 0.31	8195 1307 2310	80.39 12.83 22.66	2.88 5.09	8987 1434 2533	88.16 14.07 24.85	19.82 3.16 5.59	4970 1660 2310	0.41 0.74	5.45 12.92 9.91
			50.00% 62.50%	10.7	450 709	0.60	3612 4915	35.43 48.22	7.97 10.84	3961 5390	38.86 52.88	8.74 11.89	2910 3400	1.16	8.02 6.93
			75.00% 87.50%	25.6 36.2	1074 1520	1.44 2.04	6157 7757	60.40 76.10	13.58 17.11	6752 8507	66.24 83.46	14.89 18.76	3870 4320	2.06	5.74 5.10
			100.00% 25.00%	46.3 2.7	1945 113	2.61 0.15	9069 1321	88.96 12.96	20.00	9945 1449	97.56 14.21	21.93 3.19	4690 1640	3.09 0.43	4.66 11.73
	42.0V	27.5" x 8.9 DUAL-EDN (KDE)	37.50% 50.00% 62.50%	6.3 12.3 19.4	264 515 813	0.35 0.69 1.09	2621 4270 5753	25.71 41.89 56.44	5.78 9.42 12.69	2874 4683 6309	28.20 45.94 61.90	6.34 10.33 13.91	2270 2850 3320	0.82 1.33 1.82	9.94 8.30 7.08
	[105]		75.00% 87.50%	29.2 41.1	1227 1725	1.65 2.31	7557 9294	74.14 91.18	16.67 20.50	8288 10193	81.31 99.99	18.28 22.48	3770 4170	2.39	6.16 5.39
			100.00% 25.00%	53.2 3.4	2236 141	3.00 0.19	10794 1729	105.89 16.96	23.81 3.81	11838 1896	116.13 18.60	26.11 4.18	4470 1600	3.39 0.51	4.83 12.25
		27.5" x 8.9 TRIPLE-EDN (KDE)	37.50% 50.00% 62.50%	8.1 15.6	339 657	0.46	3318 5030	32.55 49.34	7.32 11.09	3638 5516	35.69 54.11	8.02 12.17	2180 2720	1.06	9.78 7.66
			62.50% 75.00% 87.50%	25.4 37.5	1068 1577	1.43 2.11 2.86	6884 8539	67.53 83.77	15.18	7549 9365 10643	74.06 91.87 104.40	16.65 20.65	3130 3520	2.23	6.45 5.42 4.55
			100.00%	50.8 66.2 3.7	2134 2781 155	3.73	9704 10865 1827	95.20 106.59 17.92	21.40 23.96 4.03	11916 2003	116.89	23.47 26.28 4.42	3790 4000 1580	3.35 3.71 0.65	3.91 11.79
		30.5" x 9.7 DUAL-EDN (KDE)	37.50% 50.00%	8.6 16.8	360 705	0.48	3479 5461	34.13 53.57	7.67	3815 5989	37.43 58.75	8.41 13.21	2140 2660	1.19	9.67 7.75
			62.50% 75.00%	27.1 40.2	1138 1689	1.53 2.27	7451 9161	73.09 89.87	16.43 20.20	8171 10046	80.16 98.55	18.02 22.16	3070 3400	2.52 3.09	6.55 5.42
KDE7215- 135KV			87.50% 100.00%	54.2 71.1	2275 2986	3.05 4.00	10404 11524	102.06 113.05	22.94 25.41 2.74	11410 12638	111.93 123.98	25.16 27.87	3620 3830	3.56 3.89	4.57 3.86
		24.5" x 8.1 DUAL-EDN (KDE)	25.00% 37.50% 50.00%	2.5 5.6 10.8	125 284 545	0.17 0.38 0.73	1241 2562 4160	12.17 25.13 40.81	2.74 5.65 9.17	1361 2810 4562	13.35 27.56 44.76	3.00 6.20 10.06	2030 2820 3530	0.32 0.70 1.13	9.93 9.01 7.63
			62.50% 75.00%	10.8 17.4 25.7	877 1294	1.18	5798 7513	40.81 56.88 73.70	9.17 12.79 16.57	4562 6358 8239	62.38 80.83	10.06 14.02 18.17	4160 4730	1.13 1.60 2.09	6.61 5.81
			87.50% 100.00%	36.1 47.1	1821 2373	2.44 3.18	9382 11088	92.04 108.77	20.69 24.45	10289 12160	100.94 119.29	22.69 26.82	5280 5710	2.60 3.09	5.15 4.67
		24.5" x 8.1 TRIPLE-EDN (KDE)	25.00% 37.50%	3.2 7.4	160 372	0.21	1757 3243	17.23 31.82	3.87 7.15	1926 3557	18.90 34.89	4.25 7.84	1970 2720	0.58 1.05	10.99 8.71
	50.4V [125]		50.00% 62.50% 75.00%	13.8 23.6 33.1	696 1191 1666	0.93 1.60 2.23	5019 6844 8589	49.23 67.14 84.25	11.07 15.09 18.94	5504 7505 9419	53.99 73.63 92.40	12.14 16.55 20.77	3370 3990 4470	1.54 2.18 2.77	7.22 5.75 5.15
			75.00% 87.50% 100.00%	33.1 47.5 62.7	1666 2396 3158	2.23 3.21 4.24	8589 10489 11530	84.25 102.90 113.10	18.94 23.13 25.43	9419 11503 12644	92.40 112.85 124.04	20.77 25.37 27.89	4470 4920 5260	2.77 3.37 3.81	5.15 4.38 3.65
		27.5" x 8.9 DUAL-EDN (KDE)	25.00% 37.50%	3.5 8.3	177 418	0.24	2153 3920	21.12	4.75 8.64	2361 4299	23.16	5.21 9.48	1940 2660	0.64 1.18	12.17 9.37
			50.00% 62.50%	15.9 26.6	803 1342	1.08 1.80	6025 8091	59.11 79.37	13.29 17.84	6608 8873	64.82 87.05	14.57 19.57	3300 3830	1.85 2.54	7.50 6.03
			75.00% 87.50%	39.4 54.9	1986 2767	2.66 3.71	10284 11654	100.89	22.68 25.70	11279 12781	110.64 125.38	24.87 28.19	4300 4590	3.18	5.18 4.21
KDE7215- 135kV	58.8V [14S]	24.5" x 8.1 DUAL-EDN (KDE)	100.00% 25.00% 37.50%	71.9 3.0 6.7	3626 176 394	4.86 0.24 0.53	12718 1655 3570	124.76 16.24 35.02	28.05 3.65 7.87	13947 1816 3915	136.82 17.81 38.41	30.76 4.00 8.63	4850 2340 3210	0.48 0.93	3.51 9.41 9.06
			37.50% 50.00% 62.50%	6.7 13.9 22.1	394 818 1300	0.53 1.10 1.74	3570 5598 7638	35.02 54.91 74.93	7.87 12.35 16.84	3915 6139 8376	38.41 60.22 82.17	8.63 13.54 18.47	3210 4050 4730	0.93 1.51 2.18	9.06 6.84 5.87
			75.00% 87.50%	33.4 47.3	1965 2782	2.64 3.73	9861 11798	96.74 115.73	21.75 26.02	10814 12938	106.09 126.92	23.85 28.53	5340 5890	2.82 3.45	5.02 4.24
			100.00%	61.3 erature: 68 d	3607	4.84	13445	131.89	29.65	14745	144.65	32.52	6280	3.89	3.73

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.