

Motor Version	Voltage LiHV [V]	Propeller Size	Throttle Range	Amperage [A]		Power Input [W] [hp]		Thrust Output [g] [N] [lb]			RPM [rev/min]		Efficiency [g/W] [lb/hp]	
				(Lower is Better)	(Lower is Better)	(Higher is Better)	(Higher is Better)	(Higher is Better)	(Higher is Better)	(Higher is Better)	(Higher is Better)			
KDE7215XF-135 (135Kv)  KDE-UAS125UVC S.R. Enabled	23.1V (6S) 26.1V MAX	24.5" x 8.1 DUAL-EDN (KDE)	25.0%	0.6	15	0.02	270	2.65	0.60	900	18.00	29.59		
			37.5%	1.4	36	0.05	590	5.79	1.30	1320	16.39	26.94		
			50.0%	2.8	73	0.10	1060	10.40	2.34	1740	14.52	23.87		
			62.5%	4.6	120	0.16	1550	15.20	3.42	2160	12.92	21.23		
			75.0%	7.2	187	0.25	2170	21.28	4.78	2560	11.60	19.08		
			87.5%	10.5	274	0.37	2820	27.65	6.22	2940	10.29	16.92		
		100.0%	14.8	386	0.52	3740	36.68	8.25	3300	9.69	15.93			
		24.5" x 8.1 TRIPLE-EDN (KDE)	25.0%	0.7	18	0.02	350	3.43	0.77	880	19.44	31.97		
			37.5%	1.8	46	0.06	750	7.35	1.65	1320	16.30	26.80		
			50.0%	3.7	96	0.13	1330	13.04	2.93	1720	13.85	22.78		
			62.5%	6.1	159	0.21	1940	19.02	4.28	2120	12.20	20.06		
			75.0%	9.8	255	0.34	2690	26.38	5.93	2460	10.55	17.34		
			87.5%	14.4	375	0.50	3500	34.32	7.72	2850	9.33	15.34		
		100.0%	20.3	529	0.71	4590	45.01	10.12	3240	8.68	14.26			
		24.5" x 8.1 HEX-EDN (KDE)	25.0%	1.1	28	0.04	500	4.90	1.10	880	17.86	29.36		
			37.5%	2.7	70	0.09	1020	10.00	2.25	1320	14.57	23.96		
			50.0%	5.6	146	0.20	1790	17.55	3.95	1720	12.26	20.16		
			62.5%	9.9	258	0.35	2620	25.69	5.78	2060	10.16	16.69		
			75.0%	16.0	417	0.56	3640	35.70	8.02	2400	8.73	14.35		
			87.5%	21.6	563	0.75	4580	44.91	10.10	2740	8.13	13.37		
		100.0%	27.1	707	0.95	5410	53.05	11.93	2940	7.65	12.58			
		27.5" x 8.9 DUAL-EDN (KDE)	25.0%	0.8	20	0.03	420	4.12	0.93	900	21.00	34.52		
			37.5%	1.9	49	0.07	870	8.53	1.92	1320	17.76	29.19		
			50.0%	4.0	104	0.14	1520	14.91	3.35	1740	14.62	24.03		
			62.5%	7.0	182	0.24	2310	22.65	5.09	2100	12.69	20.87		
			75.0%	11.2	292	0.39	3210	31.48	7.08	2520	10.99	18.07		
			87.5%	17.4	454	0.61	4310	42.27	9.50	2880	9.49	15.61		
		100.0%	23.0	600	0.80	5420	53.15	11.95	3180	9.03	14.85			
		27.5" x 8.9 TRIPLE-EDN (KDE)	25.0%	1.0	26	0.03	550	5.39	1.21	880	21.15	34.78		
			37.5%	2.6	67	0.09	1130	11.08	2.49	1280	16.87	27.73		
			50.0%	5.2	135	0.18	1880	18.44	4.14	1680	13.93	22.89		
			62.5%	9.3	242	0.32	2870	28.15	6.33	2040	11.86	19.50		
			75.0%	15.0	391	0.52	3930	38.54	8.66	2400	10.05	16.52		
			87.5%	22.3	582	0.78	5120	50.21	11.29	2760	8.80	14.46		
		100.0%	30.1	785	1.05	6440	63.15	14.20	3040	8.20	13.49			
		27.5" x 8.9 HEX-EDN (KDE)	25.0%	1.6	41	0.05	730	7.16	1.61	880	17.80	29.27		
			37.5%	4.2	109	0.15	1520	14.91	3.35	1260	13.94	22.93		
			50.0%	8.5	221	0.30	2550	25.01	5.62	1630	11.54	18.97		
			62.5%	15.4	401	0.54	3750	36.77	8.27	1940	9.35	15.37		
			75.0%	23.7	618	0.83	4930	48.35	10.87	2220	7.98	13.11		
			87.5%	34.9	910	1.22	6320	61.98	13.93	2500	6.95	11.42		
		100.0%	45.2	1179	1.58	7480	73.35	16.49	2760	6.34	10.43			
		30.5" x 9.7 DUAL-EDN (KDE)	25.0%	1.1	28	0.04	620	6.08	1.37	840	22.14	36.40		
			37.5%	2.7	70	0.09	1280	12.55	2.82	1260	18.29	30.06		
			50.0%	5.8	151	0.20	2210	21.67	4.87	1620	14.64	24.06		
			62.5%	10.2	266	0.36	3260	31.97	7.19	1980	12.26	20.15		
			75.0%	16.5	430	0.58	4490	44.03	9.90	2340	10.44	17.17		
			87.5%	24.1	629	0.84	5750	56.39	12.68	2640	9.14	15.03		
100.0%	33.9	884	1.19	7440	72.96	16.40	2940	8.42	13.84					
30.5" x 9.7 TRIPLE-EDN (KDE)	25.0%	1.2	31	0.04	730	7.16	1.61	840	23.55	38.71				
	37.5%	3.3	86	0.12	1490	14.61	3.28	1200	17.33	28.48				
	50.0%	7.4	193	0.26	2530	24.81	5.58	1600	13.11	21.55				
	62.5%	12.8	334	0.45	3700	36.28	8.16	1920	11.08	18.21				
	75.0%	20.4	532	0.71	4970	48.74	10.96	2240	9.34	15.36				
	87.5%	30.2	788	1.06	6300	61.78	13.89	2520	7.99	13.14				
100.0%	41.4	1080	1.45	8060	79.04	17.77	2800	7.46	12.27					
30.8V (8S) 34.8V MAX	KDE7215XF-135 (135Kv)  KDE-UAS125UVC S.R. Enabled	24.5" x 8.1 DUAL-EDN (KDE)	25.0%	0.9	31	0.04	490	4.81	1.08	1260	15.81	25.99		
			37.5%	2.0	69	0.09	1010	9.90	2.23	1740	14.64	24.06		
			50.0%	4.3	149	0.20	1820	17.85	4.01	2340	12.21	20.08		
			62.5%	7.3	254	0.34	2640	25.89	5.82	2820	10.39	17.09		
			75.0%	11.6	403	0.54	3680	36.09	8.11	3360	9.13	15.01		
			87.5%	17.5	609	0.82	4880	47.86	10.76	3840	8.01	13.17		
		100.0%	24.2	842	1.13	6350	62.27	14.00	4260	7.54	12.40			
		24.5" x 8.1 TRIPLE-EDN (KDE)	25.0%	1.2	41	0.05	640	6.28	1.41	1240	15.61	25.66		
			37.5%	2.9	100	0.13	1320	12.94	2.91	1720	13.20	21.70		
			50.0%	6.0	208	0.28	2270	22.26	5.00	2280	10.91	17.94		
			62.5%	10.1	351	0.47	3310	32.46	7.30	2780	9.43	15.50		
			75.0%	15.8	549	0.74	4480	43.93	9.88	3260	8.16	13.42		
			87.5%	23.8	828	1.11	5830	57.17	12.85	3660	7.04	11.58		
		100.0%	33.0	1148	1.54	7560	74.14	16.67	4120	6.59	10.83			
		24.5" x 8.1 HEX-EDN (KDE)	25.0%	1.7	59	0.08	880	8.63	1.94	1240	14.92	24.52		
			37.5%	4.4	153	0.21	1810	17.75	3.99	1720	11.83	19.45		
			50.0%	9.1	316	0.42	3100	30.40	6.83	2240	9.81	16.13		
			62.5%	16.5	574	0.77	4550	44.62	10.03	2660	7.93	13.03		
			75.0%	25.4	883	1.18	5980	58.64	13.18	3080	6.77	11.13		
			87.5%	38.9	1353	1.81	7740	75.90	17.06	3460	5.72	9.40		
		100.0%	49.9	1736	2.33	9080	89.04	20.02	3840	5.23	8.60			
		27.5" x 8.9 DUAL-EDN (KDE)	25.0%	1.2	41	0.05	680	6.67	1.50	1140	16.59	27.27		
			37.5%	2.8	97	0.13	1540	15.10	3.40	1740	15.88	26.10		
			50.0%	6.3	219	0.29	2570	25.20	5.67	2220	11.74	19.29		
			62.5%	11.3	393	0.53	3910	38.34	8.62	2780	9.95	16.36		
			75.0%	18.0	626	0.84	5360	52.56	11.82	3180	8.56	14.08		
			87.5%	27.4	953	1.28	6990	68.55	15.41	3680	7.33	12.06		
		100.0%	37.5	1305	1.75	8720	85.51	19.22	4020	6.68	10.99			
		27.5" x 8.9 TRIPLE-EDN (KDE)	25.0%	1.6	55	0.07	870	8.53	1.92	1120	15.82	26.00		
			37.5%	4.0	139	0.19	1820	18.83	4.23	1680	13.81	22.71		
			50.0%	8.2	285	0.38	3180	31.19	7.01	2160	11.16	18.34		
			62.5%	15.2	528	0.71	4700	46.09	10.36	2640	8.90	14.63		
			75.0%	24.1	838	1.12	6390	62.66	14.09	3080	7.63	12.54		
			87.5%	36.7	1277	1.71	8230	80.71	18.14	3480	6.44	10.60		
		100.0%	45.8	1593	2.14	9660	94.73	21.30	3840	6.06	9.97			
		30.5" x 9.7 DUAL-EDN (KDE)	25.0%	1.6	55	0.07	1070	10.49	2.36	1140	19.45	31.98		
			37.5%	4.3	149	0.20	2170	21.28	4.78	1620	14.56	23.94		
			50.0%	9.4	327	0.44	3740	36.68	8.25	2180	11.44	18.80		
			62.5%	17.1	595	0.80	5460	53.54	12.04	2560	9.18	15.09		
			75.0%	26.5	922	1.24	7220	70.80	15.92	2940	7.83	12.87		
			87.5%	39.1	1360	1.82	8980	88.06	19.80	3300	6.60	10.86		
		100.0%	53.2	1851	2.48	11390	111.70	25.11	3680	6.15	10.12			
		30.5" x 9.7 TRIPLE-EDN (KDE)	25.0%	1.9	66	0.09	1240	12.16	2.73	1100	18.79	30.89		
			37.5%	5.1	177	0.24	2490	24.42	5.49	1560	14.07	23.13		
			50.0%	11.1	386	0.52	4120	40.40	9.08	2040	10.67	17.55		
			62.5%	21.3	741	0.99	5960	58.45	13.14	2460	8.04	13.22		
			75.0%	32.8	1141	1.53	7780	76.30	17.15	2800	6.82	11.21		
			87.5%	47.4	1649	2.21	9710	95.22	21.41	3120	5.89	9.68		
100.0%	66.0	2296	3.08	11990	117.58	26.43	3400	5.22	8.59					
38.5V (10S) 43.5V MAX	KDE7215XF-135 (135Kv)  KDE-UAS125UVC S.R. Enabled	24.5" x 8.1 DUAL-EDN (KDE)	25.0%	1.2	52	0.07	800	7.85	1.76	1560	15.38	25.29		
			37.5%	2.9	126	0.17	1600	15.69	3.53	2180	12.70	20.88		
			50.0%	6.0	261	0.35	2730	26.77	6.02	2820	10.46	17.20		
			62.5%	11.2	487	0.65	4110	40.31	9.06	3480	8.44	13.87		
			75.0%	17.0	739	0.99	5580	54.72	12.30	4080	7.55	12.41		
			87.5%	25.4	1104	1.48	7250	71.10	15.98	4620	6.57	10.80		
		100.0%	35.3	1535	2.06	9390	92.08	20.70	5180	6.12	10.06			
		24.5" x 8.1 TRIPLE-EDN (KDE)	25.0%	1.6	69	0.09	990	9.71	2.18	1520	14.35	23.59		
			37.5%	3.9	169	0.23	1960	19.22	4.32	2120	11.60	19.07		
			50.0%	8.5	369	0.49	3360	32.95	7.41	2800	9.11	14.97		
			62.5%	15.4	669	0.90	4920	48.25	10.85	3380	7.35	12.09		
			75.0%	23.7	1030	1.38	6670	65.41	14.70	3920	6.48	10.65		
			87.5%	34.5	1500	2.01	8630	84.63	19.03	4440	5.75	9.46		
		100.0%	47.4	2061	2.76	10970	107.58	24.18	4820	5.32	8.75			
		24.5" x 8.1 HEX-EDN (KDE)	25.0%	2.4	104	0.14	1340	13.14	2.95	1460	12.88	21.18		
			37.5%	6.1	265	0.36	2630	25.79	5.80	2				