

Motor Version	Voltage LiHV [V]	Propeller Size	Throttle Range	Amperage	Power Input		Thrust Output			RPM	Efficiency			
				[A]	[W]	[hp]	[g]	[N]	[lb]	[rev/min]	[g/W]	[lb/hp]		
				(Lower is Better)	(Lower is Better)	(Higher is Better)	(Higher is Better)	(Higher is Better)	(Higher is Better)					
KDE3520XF-400 (400Kv)  KDEXF-UAS35HVC S.R. Enabled	15.4V (4S) 17.4V MAX	15.5" x 5.3 DUAL-EDN (KDE)	25.0%	0.6	10	0.01	170	1.67	0.37	1680	17.00	27.95		
			37.5%	1.2	20	0.03	330	3.24	0.73	2400	16.50	27.13		
			50.0%	2.4	41	0.05	550	5.39	1.21	3120	13.41	22.05		
			62.5%	4.2	73	0.10	820	8.04	1.81	3840	11.23	18.47		
			75.0%	6.5	113	0.15	1120	10.98	2.47	4440	9.91	16.29		
			87.5%	9.3	161	0.22	1410	13.83	3.11	5040	8.76	14.40		
			100.0%	12.4	215	0.29	1810	17.75	3.99	5580	8.42	13.84		
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.0%	0.7	12	0.02	210	2.06	0.46	1680	17.50	28.77		
			37.5%	1.6	27	0.04	410	4.02	0.90	2400	15.19	24.96		
			50.0%	3.3	57	0.08	680	6.67	1.50	3040	11.93	19.61		
			62.5%	5.5	95	0.13	980	9.61	2.16	3720	10.32	16.96		
			75.0%	8.3	144	0.19	1330	13.04	2.93	4280	9.24	15.18		
			87.5%	11.9	207	0.28	1680	16.48	3.70	4800	8.12	13.34		
		18.5" x 6.3 DUAL-EDN (KDE)	25.0%	0.9	15	0.02	300	2.94	0.66	1680	20.00	32.88		
			37.5%	2.1	36	0.05	590	5.79	1.30	2340	16.39	26.94		
			50.0%	4.2	73	0.10	910	8.92	2.01	2940	12.47	20.49		
			62.5%	7.1	123	0.16	1320	12.94	2.91	3480	10.73	17.64		
			75.0%	10.8	187	0.25	1710	16.77	3.77	4020	9.14	15.03		
			87.5%	16.0	278	0.37	2180	21.38	4.81	4580	7.84	12.89		
			100.0%	19.8	344	0.46	2630	25.79	5.80	4920	7.65	12.57		
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.0%	1.1	19	0.03	360	3.53	0.79	1600	18.95	31.15		
			37.5%	2.8	48	0.06	710	6.96	1.57	2200	14.79	24.32		
			50.0%	5.5	95	0.13	1070	10.49	2.36	2780	11.26	18.52		
			62.5%	9.1	158	0.21	1520	14.91	3.35	3280	9.62	15.82		
			75.0%	13.8	240	0.32	1950	19.12	4.30	3720	8.13	13.36		
			87.5%	19.8	344	0.46	2430	23.83	5.36	4180	7.06	11.61		
		100.0%	24.7	429	0.58	2930	28.73	6.46	4440	6.83	11.23			
		23.1V (6S) 26.1V MAX	12.5" x 4.3 DUAL-EDN (KDE)	25.0%	0.4	10	0.01	120	1.18	0.26	2880	12.00	19.73	
				37.5%	0.9	23	0.03	250	2.45	0.55	3980	10.87	17.87	
				50.0%	1.6	41	0.05	440	4.31	0.97	4980	10.73	17.64	
	62.5%			2.9	75	0.10	690	6.77	1.52	6190	9.20	15.12		
	75.0%			4.2	109	0.15	930	9.12	2.05	7080	8.53	14.03		
	87.5%			6.2	161	0.22	1200	11.77	2.65	8100	7.45	12.25		
	100.0%			8.2	214	0.29	1530	15.00	3.37	9000	7.15	11.75		
	12.5" x 4.3 TRIPLE-EDN (KDE)		25.0%	0.5	13	0.02	150	1.47	0.33	2640	11.54	18.97		
			37.5%	1.2	31	0.04	320	3.14	0.71	3840	10.32	16.97		
			50.0%	2.2	57	0.08	530	5.20	1.17	4880	9.30	15.29		
			62.5%	3.7	96	0.13	820	8.04	1.81	5920	8.54	14.04		
			75.0%	5.5	143	0.19	1110	10.89	2.45	6880	7.76	12.76		
			87.5%	8.2	214	0.29	1430	14.02	3.15	7840	6.68	10.99		
	100.0%		10.7	279	0.37	1780	17.46	3.92	8680	6.38	10.49			
	15.5" x 5.3 DUAL-EDN (KDE)		25.0%	0.9	23	0.03	350	3.43	0.77	2480	15.22	25.02		
			37.5%	2.2	57	0.08	690	6.77	1.52	3540	12.11	19.90		
			50.0%	4.2	109	0.15	1090	10.69	2.40	4500	10.00	16.44		
			62.5%	7.3	190	0.25	1610	15.79	3.55	5340	8.47	13.93		
			75.0%	11.4	297	0.40	2140	20.99	4.72	6180	7.21	11.85		
			87.5%	16.0	417	0.56	2690	26.38	5.93	6900	6.45	10.61		
			100.0%	21.0	548	0.73	3320	32.56	7.32	7580	6.06	9.96		
	15.5" x 5.3 TRIPLE-EDN (KDE)		25.0%	1.1	28	0.04	430	4.22	0.95	2320	15.36	25.25		
			37.5%	2.8	73	0.10	850	8.34	1.87	3400	11.64	19.14		
			50.0%	5.8	151	0.20	1340	13.14	2.95	4280	8.87	14.59		
			62.5%	9.5	247	0.33	1930	18.93	4.25	5120	7.81	12.85		
			75.0%	14.4	375	0.50	2480	24.32	5.47	5800	6.61	10.87		
			87.5%	21.2	553	0.74	3090	30.30	6.81	6520	5.59	9.19		
	100.0%		26.1	681	0.91	3650	35.79	8.05	7000	5.36	8.81			
	18.5" x 6.3 DUAL-EDN (KDE)		25.0%	1.4	36	0.05	580	5.69	1.28	2280	16.11	26.49		
			37.5%	3.7	96	0.13	1110	10.89	2.45	3240	11.56	19.01		
		50.0%	7.7	200	0.27	1790	17.55	3.95	4080	8.95	14.71			
		62.5%	12.2	318	0.43	2440	23.93	5.38	4740	7.67	12.61			
		75.0%	18.4	480	0.64	3080	30.20	6.79	5340	6.42	10.55			
		87.5%	26.4	689	0.92	3760	36.87	8.29	5940	5.46	8.97			
		100.0%	32.1	837	1.12	4320	42.36	9.52	6340	5.16	8.49			
	18.5" x 6.3 TRIPLE-EDN (KDE)	25.0%	1.8	46	0.06	700	6.86	1.54	2180	15.22	25.02			
		37.5%	4.9	127	0.17	1340	13.14	2.95	3080	10.55	17.35			
		50.0%	9.5	247	0.33	2030	19.91	4.48	3780	8.22	13.51			
		62.5%	15.3	399	0.54	2640	25.89	5.82	4320	6.62	10.88			
		75.0%	22.9	597	0.80	3220	31.58	7.10	4780	5.39	8.87			
		87.5%	31.4	819	1.10	3960	38.83	8.73	5320	4.84	7.95			
	100.0%	40.6	1059	1.42	4550	44.62	10.03	5680	4.30	7.06				
	30.8V (8S) 34.8V MAX	12.5" x 4.3 DUAL-EDN (KDE)	25.0%	0.7	24	0.03	250	2.45	0.55	3720	10.42	17.12		
			37.5%	1.4	48	0.06	460	4.51	1.01	5040	9.58	15.75		
			50.0%	2.7	93	0.12	750	7.35	1.65	6420	8.06	13.26		
			62.5%	4.6	160	0.21	1100	10.79	2.43	7880	6.88	11.30		
			75.0%	7.1	247	0.33	1500	14.71	3.31	9080	6.07	9.98		
			87.5%	10.2	354	0.47	1930	18.93	4.25	10320	5.45	8.96		
			100.0%	13.7	476	0.64	2460	24.12	5.42	11400	5.17	8.50		
		12.5" x 4.3 TRIPLE-EDN (KDE)	25.0%	0.9	31	0.04	310	3.04	0.68	3640	10.00	16.44		
			37.5%	1.8	62	0.08	560	5.49	1.23	4900	9.03	14.85		
			50.0%	3.5	121	0.16	910	8.92	2.01	6280	7.52	12.36		
			62.5%	5.9	205	0.27	1320	12.94	2.91	7580	6.44	10.59		
			75.0%	9.5	330	0.44	1800	17.65	3.97	8840	5.45	8.97		
			87.5%	13.2	459	0.62	2240	21.97	4.94	9880	4.88	8.02		
		100.0%	17.7	615	0.82	2860	28.05	6.31	10920	4.65	7.65			
		15.5" x 5.3 DUAL-EDN (KDE)	25.0%	1.5	52	0.07	570	5.59	1.26	3180	10.96	18.02		
			37.5%	3.5	121	0.16	1120	10.98	2.47	4440	9.26	15.22		
			50.0%	6.8	236	0.32	1800	17.65	3.97	5640	7.63	12.54		
			62.5%	12.2	424	0.57	2560	25.11	5.64	6780	6.04	9.93		
			75.0%	18.5	643	0.86	3310	32.46	7.30	7680	5.15	8.46		
			87.5%	27.2	946	1.27	4140	40.60	9.13	8520	4.38	7.19		
			100.0%	33.6	1169	1.57	4810	47.17	10.60	9080	4.11	6.76		
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.0%	1.9	66	0.09	690	6.77	1.52	3080	10.45	17.19		
			37.5%	4.6	160	0.21	1350	13.24	2.98	4280	8.44	13.87		
			50.0%	8.9	309	0.41	2120	20.79	4.67	5400	6.86	11.28		
			62.5%	15.5	539	0.72	2810	27.56	6.19	6280	5.21	8.57		
			75.0%	23.5	817	1.10	3610	35.40	7.96	7040	4.42	7.26		
			87.5%	33.5	1165	1.56	4510	44.23	9.94	7600	3.87	6.36		
		100.0%	44.3	1541	2.07	5260	51.58	11.60	8260	3.41	5.61			
		<b>Note</b> : performance chart provided under the test conditions listed below. Measurements taken under alternate conditions will affect the final results. Location : KDE Direct HQ Dynamometer V2 (Bend, Oregon) Altitude : 3730 ft (1137 m) Pressure : 30.3 inHg (1026 hPa) Temperature : 72 °F (22°C) Humidity : 35% (Relative)												