

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)	
KDE2315XF-965 (965Kv) KDEXF-UAS35 S.R. Enabled	11.6V (3S) 13.1V MAX	9" x 3.0	25.0%	0.6	7	0.01	100	0.98	0.22	3060	14.29	23.49
			37.5%	1.1	14	0.02	160	1.57	0.35	4620	11.43	18.79
			50.0%	2.1	28	0.04	270	2.65	0.60	6000	9.64	15.85
			62.5%	3.5	45	0.06	390	3.82	0.86	7260	8.67	14.25
			75.0%	5.4	70	0.09	520	5.10	1.15	8520	7.43	12.21
			87.5%	8.2	107	0.14	700	6.86	1.54	9780	6.54	10.76
			100.0%	11.0	144	0.19	850	8.34	1.87	10740	5.90	9.70
		9" x 4.5 (DJI)	25.0%	0.7	8	0.01	120	1.18	0.26	2940	15.00	24.66
			37.5%	1.7	21	0.03	220	2.16	0.49	4260	10.48	17.22
			50.0%	3.4	44	0.06	370	3.63	0.82	5520	8.41	13.82
			62.5%	5.6	72	0.10	530	5.20	1.17	6680	7.36	12.10
			75.0%	8.7	113	0.15	720	7.06	1.59	7740	6.37	10.47
			87.5%	13.0	169	0.23	940	9.22	2.07	8820	5.56	9.14
		10" x 3.3	25.0%	0.6	7	0.01	110	1.08	0.24	3000	15.71	25.83
			37.5%	1.4	18	0.02	220	2.16	0.49	4440	12.22	20.09
			50.0%	2.7	35	0.05	340	3.33	0.75	5760	9.71	15.97
			62.5%	4.6	60	0.08	490	4.81	1.08	6980	8.17	13.43
			75.0%	7.2	94	0.13	680	6.67	1.50	8100	7.23	11.89
			87.5%	10.7	140	0.19	900	8.83	1.98	9300	6.43	10.57
			100.0%	14.1	185	0.25	1070	10.49	2.36	10140	5.78	9.51
		11" x 3.7	25.0%	0.8	10	0.01	150	1.47	0.33	2880	15.00	24.66
	37.5%		1.8	22	0.03	300	2.94	0.66	4140	13.64	22.42	
	50.0%		3.7	48	0.06	470	4.61	1.04	5340	9.79	16.10	
	62.5%		6.2	81	0.11	670	6.57	1.48	6480	8.27	13.60	
	75.0%		9.7	126	0.17	890	8.73	1.96	7440	7.06	11.61	
	87.5%		14.5	190	0.25	1150	11.28	2.54	8460	6.05	9.95	
	12" x 4.0	25.0%	1.0	13	0.02	190	1.86	0.42	2700	14.62	24.03	
		37.5%	2.2	29	0.04	340	3.33	0.75	3900	11.72	19.27	
		50.0%	4.7	61	0.08	550	5.39	1.21	4920	9.02	14.82	
		62.5%	8.1	106	0.14	790	7.75	1.74	5880	7.45	12.25	
		75.0%	12.4	162	0.22	1020	10.00	2.25	6720	6.30	10.35	
		87.5%	17.9	235	0.32	1260	12.36	2.78	7440	5.36	8.81	
		100.0%	22.7	297	0.40	1450	14.22	3.20	8040	4.88	8.03	
	15.4V (4S) 17.4V MAX	9" x 3.0	25.0%	0.7	11	0.01	130	1.27	0.29	4080	11.82	19.43
			37.5%	1.8	30	0.04	250	2.45	0.55	5940	8.33	13.70
			50.0%	3.4	59	0.08	430	4.22	0.95	7740	7.29	11.98
			62.5%	5.5	95	0.13	610	5.98	1.34	9180	6.42	10.56
			75.0%	8.5	147	0.20	840	8.24	1.85	10380	5.71	9.39
			87.5%	13.0	225	0.30	1130	11.08	2.49	12180	5.02	8.26
			100.0%	17.1	296	0.40	1360	13.34	3.00	13320	4.59	7.55
		9" x 4.5 (DJI)	25.0%	1.0	16	0.02	180	1.77	0.40	3840	11.25	18.49
			37.5%	2.6	45	0.06	370	3.63	0.82	5520	8.22	13.52
50.0%			4.9	84	0.11	580	5.69	1.28	6980	6.90	11.35	
62.5%			8.3	144	0.19	830	8.14	1.83	8280	5.76	9.48	
75.0%			12.7	220	0.30	1120	10.98	2.47	9480	5.09	8.37	
87.5%			18.6	324	0.43	1400	13.73	3.09	10620	4.32	7.10	
10" x 3.3		25.0%	0.9	15	0.02	190	1.86	0.42	3900	12.67	20.82	
		37.5%	2.1	37	0.05	340	3.33	0.75	5640	9.19	15.11	
		50.0%	4.1	71	0.10	540	5.30	1.19	7280	7.61	12.50	
		62.5%	6.9	120	0.16	790	7.75	1.74	8780	6.58	10.82	
		75.0%	10.7	186	0.25	1060	10.40	2.34	10080	5.70	9.37	
		87.5%	15.8	274	0.37	1370	13.44	3.02	11480	5.00	8.22	
		100.0%	20.9	363	0.49	1620	15.89	3.57	12360	4.46	7.34	
11" x 3.7		25.0%	1.1	18	0.02	250	2.45	0.55	3720	13.89	22.83	
		37.5%	2.6	45	0.06	440	4.31	0.97	5220	9.78	16.07	
		50.0%	5.6	96	0.13	720	7.06	1.59	6720	7.50	12.33	
		62.5%	9.3	161	0.22	1010	9.90	2.23	7920	6.27	10.31	
		75.0%	14.2	247	0.33	1330	13.04	2.93	9060	5.38	8.85	
		87.5%	20.8	361	0.48	1650	16.18	3.64	10020	4.57	7.51	
		100.0%	27.4	476	0.64	1960	19.22	4.32	11040	4.12	6.77	
Note : performance chart provided under the test conditions listed below. Measurements taken under alternate conditions will affect the final results. <i>Location</i> : KDE Direct HQ Dynamometer V2 (Bend, Oregon) <i>Altitude</i> : 3730 ft (1137 m) <i>Pressure</i> : 30.3 inHg (1026 hPa) <i>Temperature</i> : 72 °F (22°C) <i>Humidity</i> : 35% (Relative)												