

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)	
KDE2304XF-2350 (2350Kv) KDEXF-UAS20LV S.R. Enabled	7.7V (2S) 8.7V MAX	5" x 3.0 (HQ)	25.0%	0.7	5	0.01	80	0.78	0.18	8160	16.00	26.30
			37.5%	1.3	11	0.01	100	0.98	0.22	10440	9.09	14.95
			50.0%	1.9	16	0.02	120	1.18	0.26	12120	7.50	12.33
			62.5%	2.3	20	0.03	140	1.37	0.31	13440	7.00	11.51
			75.0%	3.0	26	0.03	180	1.77	0.40	14640	6.92	11.38
			87.5%	4.0	34	0.05	210	2.06	0.46	16580	6.18	10.15
			100.0%	5.5	47	0.06	260	2.55	0.57	18600	5.53	9.09
		5" x 4.0 (HQ)	25.0%	0.8	6	0.01	80	0.78	0.18	7200	13.33	21.92
			37.5%	1.5	12	0.02	110	1.08	0.24	9240	9.17	15.07
			50.0%	2.2	19	0.03	140	1.37	0.31	10860	7.37	12.11
			62.5%	2.9	25	0.03	170	1.67	0.37	12120	6.80	11.18
			75.0%	3.9	33	0.04	210	2.06	0.46	13740	6.36	10.46
			87.5%	5.7	49	0.07	270	2.65	0.60	15840	5.51	9.06
			100.0%	7.6	66	0.09	330	3.24	0.73	17700	5.00	8.22
		5" x 4.0 x 3 (HQ)	25.0%	0.9	7	0.01	90	0.88	0.20	6200	12.86	21.14
			37.5%	1.7	14	0.02	130	1.27	0.29	7960	9.29	15.27
			50.0%	2.4	21	0.03	160	1.57	0.35	9480	7.62	12.53
			62.5%	3.6	31	0.04	210	2.06	0.46	10960	6.77	11.14
			75.0%	5.4	46	0.06	270	2.65	0.60	12920	5.87	9.65
			87.5%	7.8	67	0.09	330	3.24	0.73	14800	4.93	8.10
			100.0%	10.5	91	0.12	400	3.92	0.88	16400	4.40	7.23
		5" x 4.5BN (HQ)	25.0%	0.9	7	0.01	90	0.88	0.20	5760	12.86	21.14
			37.5%	1.7	14	0.02	120	1.18	0.26	7440	8.57	14.09
			50.0%	2.5	22	0.03	150	1.47	0.33	8940	6.82	11.21
			62.5%	4.0	34	0.05	210	2.06	0.46	10680	6.18	10.15
			75.0%	6.1	53	0.07	270	2.65	0.60	12480	5.09	8.38
			87.5%	8.9	77	0.10	350	3.43	0.77	14220	4.55	7.47
			100.0%	11.9	103	0.14	410	4.02	0.90	15720	3.98	6.54
		6" x 3.0 (HQ)	25.0%	0.9	7	0.01	90	0.88	0.20	7200	12.86	21.14
			37.5%	1.5	12	0.02	120	1.18	0.26	9120	10.00	16.44
	50.0%		2.1	18	0.02	160	1.57	0.35	10680	8.89	14.61	
	62.5%		2.9	25	0.03	190	1.86	0.42	11940	7.60	12.49	
	75.0%		4.1	35	0.05	240	2.35	0.53	13620	6.86	11.27	
	87.5%		5.9	50	0.07	320	3.14	0.71	15720	6.40	10.52	
	100.0%		8.0	69	0.09	380	3.73	0.84	17520	5.51	9.05	
	6" x 4.5 (HQ)	25.0%	0.9	7	0.01	90	0.88	0.20	5220	12.86	21.14	
		37.5%	1.8	15	0.02	130	1.27	0.29	6780	8.67	14.25	
		50.0%	3.0	26	0.03	180	1.77	0.40	8480	6.92	11.38	
		62.5%	4.7	40	0.05	240	2.35	0.53	10020	6.00	9.86	
		75.0%	7.3	63	0.08	340	3.33	0.75	11820	5.40	8.87	
		87.5%	10.5	91	0.12	430	4.22	0.95	13440	4.73	7.77	
		100.0%	13.9	121	0.16	510	5.00	1.12	14780	4.21	6.93	
	7" x 4.5 (HQ)	25.0%	1.0	8	0.01	100	0.98	0.22	4200	12.50	20.55	
		37.5%	2.1	18	0.02	150	1.47	0.33	5640	8.33	13.70	
		50.0%	4.1	35	0.05	240	2.35	0.53	7200	6.86	11.27	
		62.5%	7.1	61	0.08	330	3.24	0.73	8700	5.41	8.89	
		75.0%	10.6	92	0.12	430	4.22	0.95	9900	4.67	7.68	
		87.5%	15.1	131	0.18	520	5.10	1.15	11040	3.97	6.53	
		100.0%	18.9	164	0.22	580	5.69	1.28	11700	3.54	5.81	
	11.6V (3S) 13.1V MAX	5" x 3.0 (HQ)	25.0%	1.1	14	0.02	120	1.18	0.26	11160	8.57	14.09
			37.5%	2.0	26	0.03	170	1.67	0.37	14160	6.54	10.75
			50.0%	2.9	38	0.05	210	2.06	0.46	16440	5.53	9.09
			62.5%	3.8	49	0.07	250	2.45	0.55	18240	5.10	8.39
			75.0%	5.2	67	0.09	310	3.04	0.68	20460	4.63	7.61
			87.5%	7.2	94	0.13	390	3.82	0.86	23460	4.15	6.82
		5" x 4.0 (HQ)	25.0%	1.2	15	0.02	130	1.27	0.29	9780	8.67	14.25
			37.5%	2.2	29	0.04	170	1.67	0.37	12420	5.86	9.64
			50.0%	3.3	43	0.06	230	2.26	0.51	14580	5.35	8.79
			62.5%	4.7	61	0.08	290	2.84	0.64	16620	4.75	7.82
			75.0%	6.8	89	0.12	380	3.73	0.84	19140	4.27	7.02
			87.5%	10.0	131	0.18	480	4.71	1.06	21900	3.66	6.02
			100.0%	13.4	174	0.23	580	5.69	1.28	24180	3.33	5.48
		5" x 4.0 x 3 (HQ)	25.0%	1.3	16	0.02	150	1.47	0.33	8480	9.38	15.41
			37.5%	2.4	31	0.04	200	1.96	0.44	10720	6.45	10.61
			50.0%	3.8	49	0.07	260	2.55	0.57	12680	5.31	8.72
			62.5%	6.1	80	0.11	340	3.33	0.75	15160	4.25	6.99
			75.0%	9.4	122	0.16	450	4.41	0.99	17600	3.69	6.06
			87.5%	13.5	176	0.24	570	5.59	1.26	19800	3.24	5.32
			100.0%	17.6	229	0.31	670	6.57	1.48	21560	2.93	4.81
		5" x 4.5BN (HQ)	25.0%	1.3	16	0.02	130	1.27	0.29	7920	8.13	13.36
			37.5%	2.5	33	0.04	190	1.86	0.42	10080	5.76	9.47
			50.0%	4.2	54	0.07	260	2.55	0.57	12180	4.81	7.92
			62.5%	7.0	91	0.12	360	3.53	0.79	14640	3.96	6.50
			75.0%	10.6	139	0.19	460	4.51	1.01	16920	3.31	5.44
			87.5%	15.2	199	0.27	560	5.49	1.23	18840	2.81	4.63
			100.0%	19.8	259	0.35	650	6.37	1.43	20040	2.51	4.13
		6" x 3.0 (HQ)	25.0%	1.2	15	0.02	130	1.27	0.29	9780	8.67	14.25
			37.5%	2.1	27	0.04	190	1.86	0.42	12240	7.04	11.57
			50.0%	3.4	44	0.06	270	2.65	0.60	14340	6.14	10.09
	62.5%		4.9	63	0.08	340	3.33	0.75	16440	5.40	8.87	
	75.0%		7.1	93	0.12	450	4.41	0.99	18960	4.84	7.95	
	87.5%		10.4	136	0.18	570	5.59	1.26	21120	4.19	6.89	
	100.0%		14.0	183	0.25	680	6.67	1.50	23760	3.72	6.11	
	6" x 4.5 (HQ)	25.0%	1.4	17	0.02	140	1.37	0.31	7280	8.24	13.54	
		37.5%	2.7	35	0.05	210	2.06	0.46	9180	6.00	9.86	
		50.0%	5.0	65	0.09	320	3.14	0.71	11460	4.92	8.09	
		62.5%	8.3	108	0.14	450	4.41	0.99	13800	4.17	6.85	
		75.0%	12.4	162	0.22	580	5.69	1.28	15720	3.58	5.89	
		87.5%	17.3	226	0.30	690	6.77	1.52	17280	3.05	5.02	
		100.0%	22.1	289	0.39	780	7.65	1.72	19080	2.70	4.44	
	15.4V (4S) 17.4V MAX	5" x 3.0 (HQ)	25.0%	1.6	27	0.04	170	1.67	0.37	14100	6.30	10.35
			37.5%	2.7	47	0.06	240	2.35	0.53	17580	5.11	8.39
			50.0%	4.0	69	0.09	300	2.94	0.66	20220	4.35	7.15
			62.5%	5.6	96	0.13	380	3.73	0.84	22800	3.96	6.51
			75.0%	7.6	132	0.18	480	4.71	1.06	25860	3.64	5.98
			87.5%	10.8	188	0.25	620	6.08	1.37	29460	3.30	5.42
		5" x 4.0 (HQ)	25.0%	1.7	28	0.04	170	1.67	0.37	12180	6.07	9.98
			37.5%	2.9	50	0.07	250	2.45	0.55	15060	5.00	8.22
			50.0%	4.6	79	0.11	330	3.24	0.73	17880	4.18	6.87
			62.5%	6.6	115	0.15	420	4.12	0.93	20460	3.65	6.00
75.0%			10.2	178	0.24	570	5.59	1.26	23940	3.20	5.26	
87.5%			14.6	254	0.34	720	7.06	1.59	26940	2.83	4.66	
100.0%			19.2	334	0.45	820	8.04	1.81	29640	2.46	4.04	
5" x 4.0 x 3 (HQ)		25.0%	1.8	30	0.04	180	1.77	0.40	10360	6.00	9.86	
		37.5%	3.3	57	0.08	270	2.65	0.60	13080	4.74	7.79	
		50.0%	5.6	96	0.13	370	3.63	0.82	15760	3.85	6.34	
		62.5%	9.2	159	0.21	510	5.00	1.12	18760	3.21	5.27	
		75.0%	13.7	237	0.32	660	6.47	1.46	21360	2.78	4.58	
		87.5%	18.7	325	0.44	790	7.75	1.74	23640	2.43	4.00	
		100.0%	25.2	437	0.59	930	9.12	2.05	26380	2.13	3.50	
5" x 4.5BN (HQ)		25.0%	1.8	31	0.04	140	1.37	0.31	9720	4.52	7.42	
		37.5%	3.5	60	0.08	210	2.06	0.46	12240	3.50	5.75	
		50.0%	6.2	107	0.14	320	3.14	0.71	15120	2.99	4.92	
		62.5%	10.3	179	0.24	450	4.41	0.99	17880	2.51	4.13	
		75.0%	15.4	267	0.36	620	6.08	1.37	20280	2.32	3.82	
		87.5%	21.7	377	0.51	760	7.45	1.68	22450	2.02	3.31	
		100.0%	28.4	494	0.66	880	8.63	1.94	25060	1.78	2.93	
6" x 3.0 (HQ)		25.0%	1.7	28	0.04	190	1.86	0.42	12060	6.79	11.16	
		37.5%	2.9	50	0.07	280	2.75	0.62	14760	5.60	9.21	
		50.0%	4.7	81	0.11	390	3.82	0.86	17520	4.81	7.92	
	62.5%	7.1	123	0.16	510	5.00	1.12	20280	4.15	6.82		
	75.0%	10.6	184	0.25	670	6.57	1.48	23460	3.64	5.99		
	87.5%	15.4	268	0.36	840	8.24	1.85	26220	3.13	5.15		
	100.0%	20.6	357	0.48	990	9.71	2.18	28980	2.77	4.56		
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)												