

Motor Version	Voltage LiHV [V]	Propeller Size	Throttle Range	Amperage	Power Input		Thrust Output			RPM	Efficiency	
				[A] (Lower is Better)	[W]	[hp]	[g]	[N]	[lb]	[rev/min] (Higher is Better)	[g/W]	[lb/hp] (Higher is Better)
KDE4014XF-380 (380Kv, D5) KDEXF-UAS35HVC S.R. Enabled	23.1V (6S) 26.1V MAX	12.5" x 4.3 Dual-EDN (KDE)	25.0%	1.0	25	0.03	240	2.35	0.53	3600	9.60	15.78
			37.5%	1.7	44	0.06	400	3.92	0.88	4620	9.09	14.95
			50.0%	2.4	63	0.08	560	5.49	1.23	5400	8.89	14.61
			62.5%	3.2	84	0.11	710	6.96	1.57	6000	8.45	13.90
			75.0%	4.4	115	0.15	880	8.63	1.94	6780	7.65	12.58
			87.5%	6.2	162	0.22	1140	11.18	2.51	7800	7.04	11.57
			100.0%	7.9	206	0.28	1390	13.63	3.06	8520	6.75	11.09
		12.5" x 4.3 Triple-EDN (KDE)	25.0%	1.1	28	0.04	290	2.84	0.64	3520	10.36	17.03
			37.5%	1.9	49	0.07	470	4.61	1.04	4420	9.59	15.77
			50.0%	2.8	72	0.10	660	6.47	1.46	5240	9.17	15.07
			62.5%	3.8	98	0.13	840	8.24	1.85	5820	8.57	14.09
			75.0%	5.5	143	0.19	1040	10.20	2.29	6640	7.27	11.96
			87.5%	7.8	204	0.27	1340	13.14	2.95	7580	6.57	10.80
		15.5" x 5.3 Dual-EDN (KDE)	100.0%	10.1	263	0.35	1630	15.98	3.59	8280	6.20	10.19
			25.0%	1.3	32	0.04	420	4.12	0.93	2640	13.13	21.58
			37.5%	2.5	65	0.09	720	7.06	1.59	3480	11.08	18.21
			50.0%	4.2	110	0.15	1130	11.08	2.49	4320	10.27	16.89
			62.5%	7.0	183	0.25	1590	15.59	3.51	5220	8.69	14.28
			75.0%	10.5	274	0.37	2090	20.50	4.61	5940	7.63	12.54
			87.5%	15.1	394	0.53	2670	26.18	5.89	6720	6.78	11.14
		100.0%	19.3	502	0.67	3140	30.79	6.92	7280	6.25	10.28	
		15.5" x 5.3 Triple-EDN (KDE)	25.0%	1.4	35	0.05	490	4.81	1.08	2480	14.00	23.02
			37.5%	2.9	75	0.10	840	8.24	1.85	3320	11.20	18.41
			50.0%	5.4	140	0.19	1320	12.94	2.91	4180	9.43	15.50
	62.5%		8.9	232	0.31	1820	17.85	4.01	4980	7.84	12.90	
	75.0%		12.8	333	0.45	2360	23.14	5.20	5700	7.09	11.65	
	87.5%		18.6	486	0.65	3030	29.71	6.68	6320	6.23	10.25	
	100.0%		23.6	615	0.82	3500	34.32	7.72	6840	5.69	9.36	
	18.5" x 6.3 Dual-EDN (KDE)	25.0%	1.5	39	0.05	570	5.59	1.26	2280	14.62	24.03	
		37.5%	3.5	91	0.12	1070	10.49	2.36	3120	11.76	19.33	
		50.0%	6.8	176	0.24	1710	16.77	3.77	3900	9.72	15.97	
		62.5%	11.1	288	0.39	2370	23.24	5.22	4620	8.23	13.53	
		75.0%	16.0	418	0.56	3050	29.91	6.72	5220	7.30	12.00	
		87.5%	22.5	587	0.79	3780	37.07	8.33	5780	6.44	10.59	
		100.0%	29.5	770	1.03	4490	44.03	9.90	6380	5.83	9.59	
	18.5" x 6.3 Triple-EDN (KDE)	25.0%	1.9	49	0.07	660	6.47	1.46	2180	13.47	22.14	
		37.5%	4.4	115	0.15	1240	12.16	2.73	2920	10.78	17.73	
		50.0%	8.6	223	0.30	1970	19.32	4.34	3680	8.83	14.52	
		62.5%	13.2	344	0.46	2650	25.99	5.84	4280	7.70	12.66	
		75.0%	19.9	519	0.70	3380	33.15	7.45	4820	6.51	10.71	
		87.5%	28.4	739	0.99	4110	40.31	9.06	5380	5.56	9.14	
		100.0%	36.3	946	1.27	4880	47.86	10.76	5840	5.16	8.48	
	30.8V (8S) 34.8V MAX	12.5" x 4.3 Dual-EDN (KDE)	25.0%	1.3	45	0.06	400	3.92	0.88	4620	8.89	14.61
			37.5%	2.3	81	0.11	640	6.28	1.41	5820	7.90	12.99
			50.0%	3.3	114	0.15	860	8.43	1.90	6780	7.54	12.40
			62.5%	4.6	159	0.21	1090	10.69	2.40	7620	6.86	11.27
			75.0%	6.2	216	0.29	1380	13.53	3.04	8520	6.39	10.50
			87.5%	9.1	316	0.42	1830	17.95	4.03	9780	5.79	9.52
100.0%			11.8	410	0.55	2210	21.67	4.87	10740	5.39	8.86	
12.5" x 4.3 Triple-EDN (KDE)		25.0%	1.4	48	0.06	480	4.71	1.06	4280	10.00	16.44	
		37.5%	2.6	90	0.12	770	7.55	1.70	5320	8.56	14.07	
		50.0%	3.8	131	0.18	1030	10.10	2.27	6280	7.86	12.93	
		62.5%	5.7	197	0.26	1310	12.85	2.89	7320	6.65	10.93	
		75.0%	7.9	275	0.37	1650	16.18	3.64	8280	6.00	9.86	
		87.5%	11.6	404	0.54	2130	20.89	4.70	9480	5.27	8.67	
15.5" x 5.3 Dual-EDN (KDE)		100.0%	15.1	526	0.71	2560	25.11	5.64	10320	4.87	8.00	
		25.0%	1.5	53	0.07	620	6.08	1.37	3240	11.70	19.23	
		37.5%	3.2	112	0.15	1090	10.69	2.40	4320	9.73	16.00	
		50.0%	6.1	212	0.28	1740	17.06	3.84	5400	8.21	13.49	
		62.5%	10.0	347	0.47	2430	23.83	5.36	6420	7.00	11.51	
		75.0%	15.2	529	0.71	3210	31.48	7.08	7320	6.07	9.98	
		87.5%	21.9	761	1.02	4070	39.91	8.97	8220	5.35	8.79	
100.0%		28.2	980	1.31	4790	46.97	10.56	8940	4.89	8.04		
15.5" x 5.3 Triple-EDN (KDE)		25.0%	1.8	62	0.08	730	7.16	1.61	3040	11.77	19.36	
		37.5%	4.0	139	0.19	1270	12.45	2.80	4120	9.14	15.02	
		50.0%	7.6	263	0.35	2020	19.81	4.45	5180	7.68	12.63	
	62.5%	12.6	438	0.59	2780	27.26	6.13	6080	6.35	10.43		
	75.0%	18.5	645	0.86	3580	35.11	7.89	6920	5.55	9.12		
	87.5%	26.9	936	1.26	4480	43.93	9.88	7680	4.79	7.87		
	100.0%	34.4	1196	1.60	5190	50.90	11.44	8360	4.34	7.13		
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)												