

MOTOR VERSION	VOLTAGE LIPO [V]	PROPELLER SIZE	THROTTLE RANGE	AMPERAGE [A]	POWER INPUT		THRUST OUTPUT			EST. THRUST AT SEALEVEL*			RPM [rev/min]	TORQUE [Nm]	Efficiency [g/W]		
					[W]	[HP]	[g]	[N]	[lb]	[g]	[N]	[lb]					
KDE4213-360KV	16.8V [4S]	18.5" x 6.3 DUAL-EDN (KDE)	25.00%	1.3	22	0.03	305	2.99	0.67	334	3.28	0.74	1670	0.07	13.64		
			37.50%	2.6	43	0.06	505	4.95	1.11	554	5.43	1.22	2220	0.12	11.70		
			50.00%	4.3	73	0.10	805	7.90	1.78	883	8.66	1.95	2740	0.18	11.04		
			62.50%	7.2	120	0.16	1189	11.66	2.62	1304	12.79	2.88	3290	0.26	9.90		
			75.00%	10.7	179	0.24	1562	15.33	3.45	1713	16.81	3.78	3790	0.34	8.73		
			87.50%	14.8	248	0.33	1977	19.40	4.36	2168	21.27	4.78	4250	0.43	7.98		
		100.00%	18.9	317	0.43	2336	22.91	5.15	2562	25.13	5.65	4630	0.51	7.36			
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	1.4	24	0.03	317	3.11	0.70	348	3.41	0.77	1550	0.06	13.21		
			37.50%	3.0	50	0.07	602	5.91	1.33	661	6.48	1.46	2110	0.13	12.05		
			50.00%	5.3	89	0.12	923	9.05	2.03	1012	9.93	2.23	2620	0.22	10.37		
			62.50%	8.9	150	0.21	1335	13.10	2.94	1464	14.37	3.23	3140	0.33	8.90		
			75.00%	13.0	218	0.30	1783	17.49	3.93	1955	19.18	4.31	3580	0.43	8.18		
87.50%	17.9		301	0.41	2204	21.62	4.86	2417	23.71	5.33	3990	0.54	7.32				
100.00%	23.0	386	0.52	2575	25.26	5.68	2824	27.70	6.23	4330	0.64	6.67					
KDE4213-360KV	25.2V [6S]	12.5" x 4.3 DUAL-EDN (KDE)	25.00%	1.4	35	0.05	280	2.75	0.62	307	3.02	0.68	3830	0.04	8.06		
			37.50%	2.2	54	0.07	429	4.21	0.95	470	4.62	1.04	4700	0.06	7.92		
			50.00%	2.9	73	0.10	579	5.68	1.28	634	6.22	1.40	5360	0.08	7.92		
			62.50%	3.5	89	0.12	684	6.71	1.51	750	7.36	1.65	5820	0.10	7.67		
			75.00%	4.9	122	0.16	850	8.34	1.87	932	9.14	2.06	6610	0.13	6.94		
			87.50%	6.6	167	0.22	1085	10.65	2.39	1190	11.68	2.63	7500	0.17	6.49		
		100.00%	8.3	210	0.28	1324	12.98	2.92	1452	14.24	3.20	8190	0.20	6.30			
		12.5" x 4.3 TRIPLE-EDN (KDE)	25.00%	1.4	36	0.05	368	3.61	0.81	403	3.96	0.89	3620	0.04	10.14		
			37.50%	2.3	58	0.08	533	5.23	1.18	584	5.73	1.29	4440	0.07	9.11		
			50.00%	3.1	77	0.10	663	6.50	1.46	727	7.13	1.60	5010	0.10	8.57		
			62.50%	4.0	101	0.14	796	7.81	1.75	873	8.56	1.92	5570	0.12	7.89		
			75.00%	5.9	149	0.20	1035	10.15	2.28	1135	11.13	2.50	6480	0.17	6.94		
			87.50%	8.2	206	0.28	1293	12.68	2.85	1418	13.91	3.13	7350	0.22	6.28		
		100.00%	10.2	257	0.34	1505	14.76	3.32	1650	16.19	3.64	8010	0.25	5.85			
		15.5" x 5.3 DUAL-EDN (KDE)	25.00%	1.7	43	0.06	465	4.56	1.02	510	5.00	1.12	2790	0.08	10.72		
			37.50%	3.0	75	0.10	735	7.21	1.62	806	7.90	1.78	3490	0.14	9.78		
			50.00%	5.0	126	0.17	1090	10.69	2.40	1195	11.72	2.64	4270	0.20	8.63		
			62.50%	7.6	193	0.26	1497	14.69	3.30	1642	16.11	3.62	4970	0.28	7.78		
			75.00%	11.3	286	0.38	1969	19.31	4.34	2159	21.18	4.76	5730	0.37	6.90		
			87.50%	16.6	419	0.56	2562	25.13	5.65	2809	27.56	6.20	6520	0.49	6.12		
		100.00%	21.0	529	0.71	3008	29.51	6.63	3298	32.36	7.27	7060	0.57	5.69			
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	1.8	45	0.06	460	4.51	1.01	504	4.95	1.11	2530	0.09	10.22		
			37.50%	3.5	88	0.12	777	7.62	1.71	852	8.36	1.88	3310	0.16	8.83		
			50.00%	6.1	154	0.21	1195	11.72	2.63	1310	12.85	2.89	4070	0.26	7.76		
			62.50%	9.6	242	0.33	1664	16.32	3.67	1824	17.90	4.02	4810	0.36	6.87		
			75.00%	14.0	353	0.48	2183	21.42	4.82	2395	23.49	5.28	5480	0.48	6.19		
			87.50%	19.5	491	0.67	2751	26.99	6.07	3017	29.60	6.65	6140	0.60	5.60		
		100.00%	25.6	645	0.87	3293	32.30	7.26	3611	35.42	7.96	6700	0.71	5.10			
		18.5" x 6.3 DUAL-EDN (KDE)	25.00%	2.0	51	0.07	556	5.45	1.23	609	5.98	1.34	2320	0.13	10.91		
			37.50%	4.3	109	0.15	1082	10.61	2.39	1186	11.64	2.62	3110	0.23	9.89		
			50.00%	7.5	190	0.25	1590	15.60	3.51	1744	17.10	3.85	3810	0.34	8.39		
			62.50%	12.3	310	0.42	2213	21.71	4.88	2427	23.80	5.35	4510	0.48	7.13		
			75.00%	17.9	451	0.60	2811	27.58	6.20	3083	30.25	6.80	5100	0.62	6.24		
			87.50%	24.7	621	0.83	3416	33.51	7.53	3746	36.75	8.26	5670	0.75	5.50		
		100.00%	31.3	788	1.06	4035	39.58	8.90	4425	43.41	9.76	6110	0.87	5.12			
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	2.4	60	0.08	635	6.23	1.40	696	6.83	1.54	2220	0.15	10.50		
			37.50%	5.2	131	0.18	1168	11.46	2.58	1281	12.57	2.83	2950	0.28	8.91		
			50.00%	9.3	234	0.31	1714	16.81	3.78	1879	18.44	4.14	3620	0.43	7.31		
			62.50%	15.1	381	0.51	2392	23.47	5.28	2624	25.74	5.79	4260	0.59	6.29		
			75.00%	21.6	544	0.72	3064	30.06	6.76	3360	32.97	7.41	4770	0.76	5.63		
			87.50%	29.5	743	0.99	3707	36.37	8.18	4066	39.89	8.97	5240	0.91	4.99		
		100.00%	37.1	935	1.25	4320	42.38	9.53	4738	46.48	10.45	5600	1.04	4.62			
		KDE4213-360KV	33.6V [8S]	12.5" x 4.3 DUAL-EDN (KDE)	25.00%	1.7	57	0.08	430	4.22	0.95	472	4.63	1.04	4840	0.07	7.53
					37.50%	2.8	94	0.13	645	6.33	1.42	707	6.94	1.56	5970	0.11	6.86
					50.00%	3.9	131	0.15	840	8.24	1.85	921	9.04	2.03	6790	0.14	6.41
					62.50%	5.0	168	0.22	1031	10.11	2.27	1131	11.09	2.49	7500	0.17	6.14
					75.00%	6.9	232	0.31	1325	12.99	2.92	1453	14.25	3.20	8440	0.21	5.71
					87.50%	9.5	319	0.43	1674	16.42	3.69	1836	18.01	4.05	9530	0.27	5.24
100.00%	12.2			410	0.55	2006	19.67	4.42	2200	21.57	4.85	10400	0.32	4.89			
12.5" x 4.3 TRIPLE-EDN (KDE)	25.00%			1.9	64	0.09	530	5.20	1.17	581	5.70	1.28	4540	0.08	8.26		
	37.50%			3.1	104	0.14	746	7.32	1.65	818	8.03	1.80	5530	0.11	7.16		
	50.00%			4.4	147	0.20	940	9.23	2.07	1031	10.12	2.27	6320	0.15	6.40		
	62.50%			6.0	203	0.27	1198	11.75	2.64	1314	12.89	2.90	7180	0.20	5.91		
	75.00%			8.6	290	0.39	1570	15.41	3.46	1722	16.89	3.80	8230	0.26	5.42		
	87.50%			11.8	396	0.53	1940	19.03	4.28	2128	20.87	4.69	9300	0.33	4.90		
100.00%	15.2			509	0.68	2307	22.63	5.09	2530	24.81	5.58	10140	0.39	4.53			
15.5" x 5.3 DUAL-EDN (KDE)	25.00%			2.3	76	0.10	638	6.26	1.41	700	6.87	1.54	3520	0.13	8.41		
	37.50%			4.1	136	0.18	1088	10.67	2.40	1193	11.70	2.63	4390	0.20	7.97		
	50.00%			6.9	230	0.31	1587	15.57	3.50	1741	17.08	3.84	5320	0.30	6.89		
	62.50%			11.6	390	0.52	2237	21.94	4.93	2453	24.06	5.41	6380	0.44	5.74		
	75.00%			17.1	576	0.77	3053	29.95	6.73	3349	32.85	7.38	7330	0.58	5.30		
	87.50%			23.8	800	1.07	3834	37.61	8.46	4205	41.25	9.27	8100	0.73	4.79		
100.00%	30.2			1016	1.36	4470	43.85	9.86	4902	48.09	10.81	8720	0.85	4.40			
15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%			2.4	81	0.11	712	6.99	1.57	781	7.66	1.72	3130	0.15	8.80		
	37.50%			5.0	168	0.22	1239	12.16	2.73	1359	13.33	3.00	4120	0.27	7.39		
	50.00%			8.7	293	0.39	1939	19.03	4.28	2127	20.86	4.69	5080	0.41	6.62		
	62.50%	13.7	459	0.62	2547	24.98	5.62	2793	27.40	6.16	5900	0.54	5.54				
	75.00%	21.5	721	0.97	3473	34.07	7.66	3809	37.36	8.40	6850	0.74	4.82				
	87.50%	29.0	975	1.31	4175	40.96	9.21	4579	44.92	10.10	7480	0.87	4.28				
100.00%	37.8	1270	1.70	4872	47.80	10.74	5343	52.42	11.78	8170	1.03	3.84					

Temperature: 68 deg F | Elevation: 3500' | Relative Humidity: 40% | Pressure: 1010 hPa

Tested on DC Power Supply with KDE-UAS125UCV on firmware version: D460337

Motor Edition Selected | Synchronous Rectification: Deactivated

*Calculated thrust at sealevel for that given RPM. Power requirements will vary.