

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]					
KDE4014-380kV	25.2V [6S]	12.5" x 4.3 DUAL-EDN (KDE)	25.00%	1.4	35	0.05	255	2.51	0.56	280	2.75	0.62	3760	0.04	7.34		
			37.50%	2.2	56	0.07	408	4.00	0.90	447	4.39	0.99	4700	0.07	7.32		
			50.00%	3.0	75	0.10	541	5.31	1.19	593	5.82	1.31	5370	0.09	7.23		
			62.50%	3.8	95	0.13	665	6.52	1.47	729	7.15	1.61	5920	0.11	6.98		
			75.00%	5.2	132	0.18	871	8.55	1.92	956	9.37	2.11	6780	0.14	6.62		
			87.50%	7.5	188	0.25	1165	11.43	2.57	1278	12.53	2.82	7810	0.18	6.21		
		100.00%	9.2	232	0.31	1371	13.45	3.02	1503	14.75	3.32	8510	0.21	5.90			
		12.5" x 4.3 TRIPLE-EDN (KDE)	25.00%	1.4	36	0.05	305	3.00	0.67	335	3.29	0.74	3530	0.05	8.60		
			37.50%	2.4	59	0.08	461	4.52	1.02	505	4.96	1.11	4410	0.08	7.78		
			50.00%	3.2	81	0.11	605	5.94	1.33	664	6.51	1.46	5040	0.10	7.46		
			62.50%	4.4	111	0.15	784	7.69	1.73	860	8.43	1.90	5750	0.13	7.04		
			75.00%	6.3	159	0.21	1029	10.09	2.27	1128	11.07	2.49	6620	0.17	6.49		
			87.50%	8.9	225	0.30	1393	13.67	3.07	1528	14.99	3.37	7620	0.23	6.20		
		100.00%	11.1	279	0.37	1643	16.12	3.62	1802	17.68	3.97	8290	0.26	5.89			
		15.5" x 5.3 DUAL-EDN (KDE)	25.00%	1.6	41	0.06	437	4.29	0.96	479	4.70	1.06	2690	0.08	10.64		
			37.50%	3.0	75	0.10	710	6.96	1.57	779	7.64	1.72	3490	0.14	9.45		
			50.00%	5.2	131	0.18	1079	10.59	2.38	1183	11.61	2.61	4330	0.21	8.24		
			62.50%	8.1	204	0.27	1491	14.63	3.29	1635	16.04	3.61	5110	0.29	7.31		
			75.00%	11.8	297	0.40	1981	19.43	4.37	2172	21.31	4.79	5820	0.38	6.68		
			87.50%	16.3	411	0.55	2447	24.01	5.40	2684	26.33	5.92	6500	0.47	5.95		
		100.00%	20.9	527	0.71	2919	28.64	6.44	3201	31.40	7.06	7040	0.56	5.54			
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	1.9	47	0.06	475	4.66	1.05	521	5.11	1.15	2560	0.11	10.02		
			37.50%	3.8	96	0.13	841	8.25	1.85	922	9.05	2.03	3390	0.19	8.74		
			50.00%	6.6	166	0.22	1268	12.44	2.80	1391	13.64	3.07	4170	0.28	7.62		
			62.50%	10.4	261	0.35	1768	17.35	3.90	1939	19.02	4.28	4910	0.38	6.78		
			75.00%	14.9	374	0.50	2274	22.31	5.02	2494	24.47	5.50	5590	0.49	6.07		
			87.50%	20.3	512	0.69	2787	27.34	6.15	3056	29.98	6.74	6220	0.60	5.44		
		100.00%	25.7	646	0.87	3245	31.83	7.16	3559	34.91	7.85	6720	0.70	5.02			
		18.5" x 6.3 DUAL-EDN (KDE)	25.00%	2.0	51	0.07	603	5.91	1.33	661	6.48	1.46	2350	0.17	11.72		
			37.50%	4.4	112	0.15	1147	11.25	2.53	1258	12.34	2.77	3170	0.26	10.27		
			50.00%	7.9	200	0.27	1743	17.10	3.84	1911	18.75	4.22	3900	0.35	8.72		
			62.50%	12.4	312	0.42	2293	22.50	5.06	2515	24.67	5.55	4550	0.49	7.35		
			75.00%	18.2	459	0.62	2978	29.21	6.57	3266	32.04	7.20	5200	0.63	6.49		
			87.50%	24.7	623	0.84	3460	33.94	7.63	3795	37.23	8.37	5690	0.76	5.55		
		100.00%	31.1	782	1.05	4019	39.43	8.86	4408	43.24	9.72	6130	0.89	5.14			
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	2.6	86	0.12	672	6.59	1.48	737	7.23	1.62	2260	0.17	7.81		
			37.50%	5.6	187	0.25	1211	11.88	2.67	1329	13.03	2.93	3020	0.30	6.47		
			50.00%	10.1	339	0.45	1827	17.93	4.03	2004	19.66	4.42	3710	0.45	5.40		
			62.50%	15.8	530	0.71	2567	25.18	5.66	2815	27.62	6.21	4330	0.62	4.84		
			75.00%	22.4	754	1.01	3226	31.64	7.11	3537	34.70	7.80	4840	0.75	4.28		
			87.50%	29.8	1000	1.34	3811	37.39	8.40	4179	41.00	9.22	5230	0.89	3.81		
		100.00%	37.1	1247	1.67	4318	42.36	9.52	4736	46.46	10.44	5590	1.01	3.46			
		KDE4014-380kV	33.6V [8S]	12.5" x 4.3 DUAL-EDN (KDE)	25.00%	1.8	61	0.08	429	4.21	0.95	470	4.61	1.04	4790	0.07	6.98
					37.50%	2.9	97	0.13	646	6.34	1.42	709	6.95	1.56	5860	0.10	6.65
					50.00%	3.9	132	0.18	832	8.16	1.83	912	8.95	2.01	6650	0.13	6.28
					62.50%	5.7	192	0.26	1135	11.13	2.50	1244	12.21	2.74	7690	0.17	5.91
					75.00%	7.9	264	0.35	1463	14.36	3.23	1605	15.74	3.54	8740	0.22	5.53
					87.50%	10.7	361	0.48	1843	18.08	4.06	2021	19.82	4.46	9840	0.28	5.11
100.00%	13.6			457	0.61	2255	22.12	4.97	2473	24.26	5.45	10710	0.33	4.93			
12.5" x 4.3 TRIPLE-EDN (KDE)	25.00%			1.9	64	0.09	487	4.78	1.07	534	5.24	1.18	4480	0.08	7.67		
	37.50%			3.1	103	0.14	688	6.75	1.52	754	7.40	1.66	5460	0.12	6.67		
	50.00%			4.3	145	0.19	903	8.86	1.99	991	9.72	2.18	6280	0.16	6.22		
	62.50%			6.5	218	0.29	1250	12.26	2.76	1370	13.44	3.02	7410	0.21	5.72		
	75.00%			9.3	313	0.42	1626	15.95	3.59	1783	17.49	3.93	8510	0.28	5.19		
	87.50%			12.6	424	0.57	2047	20.08	4.51	2245	22.02	4.95	9560	0.35	4.83		
100.00%	16.0			539	0.72	2436	23.89	5.37	2671	26.20	5.89	10400	0.41	4.52			
15.5" x 5.3 DUAL-EDN (KDE)	25.00%			2.2	75	0.10	660	6.47	1.45	723	7.10	1.60	3410	0.13	8.80		
	37.50%			4.4	149	0.20	1148	11.26	2.53	1259	12.35	2.78	4460	0.22	7.71		
	50.00%			7.4	248	0.33	1702	16.69	3.75	1866	18.31	4.12	5420	0.32	6.86		
	62.50%			11.3	379	0.51	2324	22.80	5.13	2549	25.01	5.62	6290	0.44	6.13		
	75.00%			17.3	580	0.78	3078	30.19	6.79	3375	33.11	7.44	7220	0.59	5.30		
	87.50%			24.4	818	1.10	3810	37.38	8.40	4178	40.99	9.21	8000	0.73	4.66		
100.00%	30.2			1016	1.36	4376	42.93	9.65	4799	47.08	10.58	8620	0.84	4.31			
15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%			2.6	87	0.12	745	7.31	1.64	817	8.02	1.80	3200	0.17	8.60		
	37.50%			5.3	179	0.24	1285	12.61	2.83	1409	13.82	3.11	4240	0.29	7.16		
	50.00%			9.3	312	0.42	1928	18.91	4.25	2114	20.74	4.66	5200	0.42	6.18		
	62.50%			14.3	480	0.64	2606	25.57	5.75	2858	28.04	6.30	6040	0.57	5.42		
	75.00%			20.8	699	0.94	3335	32.71	7.35	3657	35.88	8.07	6820	0.73	4.77		
	87.50%			29.6	996	1.34	4134	40.55	9.12	4533	44.47	10.00	7590	0.90	4.15		
100.00%	37.0			1243	1.67	4741	46.51	10.46	5200	51.01	11.47	8080	1.03	3.81			

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

Tested on DC Power Supply with KDE-UAS125UVC on firmware version: D460339

Motor Edition Selected | Synchronous Rectification: Deactivated

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