

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]			
KDE3510-475kV	16.8V [4S]	12.5" x 4.3 DUAL-EDN (KDE)	25.00%	0.6	11	0.01	93	0.92	0.21	102	1.00	0.23	2480	0.02	8.68
			37.50%	1.2	20	0.03	178	1.74	0.39	195	1.91	0.43	3300	0.03	9.04
			50.00%	2.0	33	0.04	308	3.02	0.68	338	3.31	0.74	4160	0.05	9.40
			62.50%	3.1	52	0.07	453	4.44	1.00	496	4.87	1.09	4980	0.07	8.75
			75.00%	4.6	78	0.10	630	6.18	1.39	691	6.78	1.52	5850	0.10	8.09
			87.50%	6.6	112	0.15	819	8.03	1.81	898	8.81	1.98	6700	0.13	7.34
		100.00%	8.6	145	0.19	991	9.72	2.18	1086	10.66	2.40	7350	0.15	6.83	
		12.5" x 4.3 TRIPLE-EDN (KDE)	25.00%	0.7	12	0.02	110	1.08	0.24	121	1.19	0.27	2360	0.03	9.51
			37.50%	1.4	23	0.03	216	2.12	0.48	237	2.33	0.52	3220	0.05	9.47
			50.00%	2.3	38	0.05	350	3.43	0.77	384	3.76	0.85	4040	0.07	9.26
			62.50%	3.8	64	0.09	536	5.26	1.18	588	5.76	1.30	4880	0.10	8.35
			75.00%	5.8	97	0.13	740	7.26	1.63	812	7.96	1.79	5700	0.13	7.66
			87.50%	8.4	141	0.19	962	9.44	2.12	1055	10.35	2.33	6510	0.16	6.83
		100.00%	10.8	182	0.24	1147	11.25	2.53	1258	12.34	2.77	7130	0.19	6.31	
		15.5" x 5.3 DUAL-EDN (KDE)	25.00%	1.1	18	0.02	240	2.35	0.53	263	2.58	0.58	2070	0.05	13.59
			37.50%	2.4	40	0.05	467	4.58	1.03	512	5.03	1.13	2870	0.09	11.64
			50.00%	4.6	77	0.10	724	7.10	1.60	794	7.78	1.75	3610	0.15	9.40
			62.50%	7.7	130	0.17	1040	10.20	2.29	1141	11.19	2.52	4290	0.21	8.01
			75.00%	11.4	191	0.26	1357	13.31	2.99	1488	14.60	3.28	4910	0.26	7.12
			87.50%	15.8	265	0.36	1685	16.53	3.72	1848	18.13	4.08	5450	0.33	6.35
100.00%	21.4	360	0.48	2048	20.09	4.52	2245	22.03	4.95	6010	0.39	5.70			
15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	1.3	22	0.03	272	2.67	0.60	298	2.92	0.66	1960	0.07	12.63		
	37.50%	3.0	50	0.07	544	5.34	1.20	597	5.86	1.32	2690	0.12	10.83		
	50.00%	5.6	94	0.13	812	7.97	1.79	891	8.74	1.96	3340	0.18	8.63		
	62.50%	9.2	155	0.21	1134	11.13	2.50	1244	12.20	2.74	3920	0.25	7.32		
	75.00%	14.0	234	0.31	1436	14.09	3.17	1575	15.45	3.47	4430	0.31	6.13		
	87.50%	19.5	328	0.44	1804	17.69	3.98	1978	19.40	4.36	4950	0.39	5.51		
100.00%	26.3	442	0.59	2144	21.03	4.73	2351	23.07	5.19	5410	0.45	4.85			
KDE3510-475kV	25.2V [6S]	12.5" x 4.3 DUAL-EDN (KDE)	25.00%	1.0	24	0.03	227	2.23	0.50	249	2.44	0.55	3500	0.04	9.48
			37.50%	2.0	49	0.07	409	4.02	0.90	449	4.41	0.99	4790	0.07	8.33
			50.00%	3.5	87	0.12	645	6.33	1.42	708	6.94	1.56	6000	0.10	7.42
			62.50%	5.7	143	0.19	910	8.92	2.01	998	9.79	2.20	7200	0.14	6.37
			75.00%	8.8	222	0.30	1254	12.30	2.76	1375	13.49	3.03	8350	0.20	5.64
			87.50%	12.2	306	0.41	1592	15.62	3.51	1746	17.13	3.85	9360	0.25	5.20
		100.00%	16.1	405	0.54	1915	18.79	4.22	2100	20.60	4.63	10250	0.30	4.73	
		12.5" x 4.3 TRIPLE-EDN (KDE)	25.00%	1.1	27	0.04	246	2.41	0.54	270	2.64	0.59	3370	0.05	9.20
			37.50%	2.4	59	0.08	464	4.56	1.02	509	5.00	1.12	4650	0.09	7.81
			50.00%	4.3	109	0.15	763	7.49	1.68	837	8.21	1.85	5850	0.13	6.98
			62.50%	7.1	179	0.24	1063	10.43	2.35	1166	11.44	2.57	6990	0.19	5.94
			75.00%	10.8	273	0.37	1433	14.06	3.16	1572	15.42	3.47	8050	0.25	5.26
87.50%	15.0		379	0.51	1811	17.77	3.99	1986	19.48	4.38	9010	0.31	4.78		
100.00%	19.7	496	0.67	2195	21.53	4.84	2407	23.61	5.31	9890	0.37	4.42			
Temperature: 75 deg F Elevation: 3500' Relative Humidity: 40% Pressure: 1010 hPa															
Tested on DC Power Supply with KDE-UAS125UVC on firmware version: D460340															
Motor Edition Selected Synchronous Rectification: Deactivated															
*Calculated thrust at sealevel for that given RPM. Power requirements will vary.															