MOTOR VERSION	VOLTAGE LiPO [V]	PROPELLER SIZE	THROTTLE RANGE	AMPERAGE [A]	POWER INPUT [W]	[HP]	THRUST OUTPUT [g]	[N]	[lb]	EST. THRUST AT SEALEVEL* [g]	[N]	[lb]	RPM [rev/min]	TORQUE [Nm]	Efficiency [g/W]
KDE5215-435kV	16.8V [4S]	18.5" x 6.3 DUAL-EDN (KDE)	25.00%	3.0	51	0.07	624	6.12	1.38	684	6.71	1.51	2240	0.10	12.25
			37.50%	5.7	95	0.13	1036	10.16	2.28	1136	11.14	2.50	2890	0.19	10.87
			50.00%	9.6	162	0.22	1557	15.27	3.43	1707	16.75	3.76	3570	0.30	9.63
			62.50%	16.0	268	0.36	2170	21.28	4.78	2379	23.34	5.25	4290	0.44	8.09
			75.00%	24.0	403	0.54	2856	28.02	6.30	3132	30.72	6.91	4970	0.59	7.09
			87.50%	34.3	577	0.77	3542	34.75	7.81	3885	38.11	8.57	5600	0.75	6.14
			100.00%	44.8	752	1.01	4136	40.58	9.12	4536	44.50	10.00	6140	0.90	5.50
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	3.3	55	0.07	667	6.55	1.47	732	7.18	1.61	2040	0.13	12.07
			37.50%	6.8	114	0.15	1196	11.73	2.64	1312	12.87	2.89	2730	0.24	10.50
			50.00%	11.9	199	0.27	1725	16.92	3.80	1892	18.56	4.17	3380	0.38	8.65
			62.50%	20.2	340	0.46	2423	23.77	5.34	2657	26.07	5.86	4070	0.57	7.13
			75.00%	30.5	512	0.69	3173	31.12	7.00	3479	34.13	7.67	4690	0.75	6.20
			87.50%	41.0	689	0.92	3788	37.16	8.35	4154	40.75	9.16	5190	0.92	5.50
			100.00%	54.9	923	1.24	4468	43.83	9.85	4900	48.07	10.81	5710	1.12	4.84
		21.5" x 7.3 DUAL-EDN (KDE)	25.00%	3.8	64	0.09	664	6.51	1.46	728	7.14	1.61	1680	0.19	10.39
			37.50%	8.3	139	0.19	1296	12.71	2.86	1421	13.94	3.13	2500	0.34	9.29
			50.00%	15.5	260	0.35	2033	19.94	4.48	2229	21.87	4.92	3130	0.52	7.81
			62.50%	25.4	427	0.57	2866	28.12	6.32	3144	30.84	6.93	3720	0.74	6.72
			75.00%	38.9	654	0.88	3792	37.20	8.36	4159	40.80	9.17	4240	0.98	5.80
			87.50%	53.6	900	1.21	4649	45.61	10.25	5099	50.02	11.24	4730	1.19	5.16
			100.00%	68.7	1154	1.55	5389	52.87	11.89	5910	57.98	13.03	5100	1.40	4.67
KDE5215-435kV	25.2V [6S]	15.5" x 5.3 DUAL-EDN (KDE)	25.00%	4.2	106	0.14	757	7.43	1.67	831	8.15	1.83	3670	0.16	7.17
			37.50%	7.3	183	0.25	1209	11.86	2.67	1326	13.01	2.92	4620	0.24	6.59
			50.00%	11.1	279	0.37	1756	17.23	3.87	1926	18.89	4.25	5460	0.35	6.30
			62.50%	17.4	438	0.59	2477	24.30	5.46	2717	26.65	5.99	6480	0.48	5.66
			75.00%	26.5	668	0.90	3320	32.57	7.32	3641	35.72	8.03	7510	0.64	4.97
			87.50%	39.4	994	1.33	4355	42.73	9.61	4776	46.86	10.53	8570	0.83	4.38
			100.00%	51.3	1293	1.73	5227	51.28	11.53	5733	56.24	12.64	9330	0.99	4.04
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	4.5	114	0.15	775	7.60	1.71	850	8.34	1.87	3380	0.18	6.82
			37.50%	8.1	204	0.27	1322	12.97	2.92	1450	14.23	3.20	4280	0.29	6.49
			50.00%	13.7	345	0.46	2069	20.30	4.56	2269	22.26	5.00	5170	0.44	5.99
			62.50%	22.3	561	0.75	2977	29.21	6.57	3265	32.03	7.20	6260	0.63	5.30
			75.00%	33.1	833	1.12	3939	38.64	8.69	4320	42.38	9.53	7210	0.83	4.73
			87.50%	48.8	1231	1.65	5074	49.77	11.19	5564	54.58	12.27	8150	1.07	4.12
			100.00%	62.7	1581	2.12	5925	58.13	13.07	6498	63.75	14.33	8850	1.26	3.75
		18.5" x 6.3 DUAL-EDN (KDE)	25.00%	4.8	121	0.16	1021	10.01	2.25	1119	10.98	2.47	3080	0.20	8.40
			37.50%	9.7	244	0.33	1761	17.27	3.88	1931	18.94	4.26	4040	0.37	7.23
			50.00%	17.2	434	0.58	2760	27.08	6.09	3027	29.70	6.68	5000	0.58	6.35
			62.50%	28.4	716	0.96	3889	38.15	8.58	4265	41.84	9.40	5930	0.83	5.43
			75.00%	41.8	1054	1.41	5077	49.80	11.20	5568	54.62	12.28	6760	1.10	4.82
			87.50%	58.8	1481	1.99	6233	61.15	13.75	6836	67.06	15.08	7520	1.36	4.21
			100.00%	76.8	1935	2.60	7279	71.41	16.05	7983	78.31	17.61	8160	1.59	3.76
KDE5215-435kV	33.6V [8S]	15.5" x 5.3 DUAL-EDN (KDE)	25.00%	5.7	192	0.26	1343	13.18	2.96	1473	14.45	3.25	4620	0.22	6.99
			37.50%	10.0	336	0.45	2091	20.52	4.61	2294	22.50	5.06	5750	0.35	6.23
			50.00%	16.5	554	0.74	3025	29.67	6.67	3317	32.54	7.32	6910	0.53	5.46
			62.50%	28.1	945	1.27	4324	42.42	9.54	4742	46.52	10.46	8280	0.78	4.57
			75.00%	41.3	1388	1.86	5677	55.69	12.52	6226	61.08	13.73	9450	1.04	4.09
			87.50%	59.0	1982	2.66	7106	69.71	15.67	7793	76.45	17.19	10550	1.34	3.58
			100.00%	76.8	2580	3.46	8216	80.60	18.12	9010	88.39	19.87	11350	1.57	3.18
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	6.1	206	0.28	1441	14.14	3.18	1581	15.51	3.49	4210	0.29	7.00
			37.50%	11.7	392	0.53	2433	23.87	5.37	2669	26.18	5.89	5420	0.50	6.21
			50.00%	20.6	691	0.93	3611	35.42	7.96	3960	38.85	8.73	6610	0.75	5.22
			62.50%	33.5	1125	1.51	4942	48.48	10.90	5420	53.17	11.95	7870	1.03	4.39
			75.00%	51.3	1724	2.31	6375	62.53	14.06	6991	68.58	15.42	9000	1.36	3.70
			87.50%	70.7	2374	3.18	7464	73.22	16.46	8186	80.30	18.05	9930	1.62	3.14
			100.00%	89.8	3017	4.05	8558	83.95	18.87	9385	92.07	20.70	10630	1.87	2.84

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

Tested on DC Power Supply with KDE-UAS125UVC on firmware version: D460337

Motor Edition Selected | Synchronous Rectification: Deactivated

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