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]
KDE5215-330kV	16.8V [4S]	18.5" x 6.3 DUAL-EDN (KDE)	25.00%	1.8	30	0.04	372	3.65	0.82	408	4.00	0.90	1840	0.08	12.30
			37.50%	3.2	54	0.07	587	5.76	1.29	644	6.32	1.42	2360	0.14	10.92
			50.00%	5.1	86	0.11	854	8.38	1.88	937	9.19	2.07	2890	0.20	9.97
			62.50%	8.0	134	0.18	1243	12.19	2.74	1363	13.37	3.01	3450	0.28	9.25
			75.00%	12.3	207	0.28	1725	16.92	3.80	1892	18.56	4.17	4050	0.39	8.35
			87.50%	17.9	301	0.40	2214	21.72	4.88	2428	23.82	5.35	4610	0.50	7.36
			100.00%	23.5	395	0.53	2652	26.02	5.85	2909	28.54	6.42	5090	0.61	6.72
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	1.9	32	0.04	389	3.82	0.86	427	4.19	0.94	1660	0.09	12.26
			37.50%	3.6	60	0.08	710	6.96	1.57	778	7.64	1.72	2190	0.17	11.87
			50.00%	6.6	111	0.15	1112	10.91	2.45	1220	11.96	2.69	2780	0.27	10.04
			62.50%	10.6	177	0.24	1581	15.51	3.49	1734	17.01	3.82	3880	0.38	8.91
			75.00%	15.9	266	0.36	2166	21.25	4.78	2375	23.30	5.24	3880	0.52	8.13
			87.50%	23.5	395	0.53	2775	27.22	6.12	3043	29.86	6.71	4400	0.67	7.03
			100.00%	30.3	509	0.68	3318	32.55	7.32	3638	35.69	8.02	4840	0.81	6.52
		21.5" x 7.3 DUAL-EDN (KDE)	25.00%	2.2	37	0.05	449	4.40	0.99	492	4.83	1.09	1500	0.13	12.26
			37.50%	4.6	76	0.10	909	8.91	2.00	996	9.77	2.20	2050	0.23	11.89
			50.00%	8.3	139	0.19	1479	14.51	3.26	1622	15.91	3.58	2590	0.37	10.61
			62.50%	14.2	238	0.32	2143	21.03	4.73	2350	23.06	5.18	3140	0.53	8.99
			75.00%	21.5	361	0.48	2840	27.86	6.26	3115	30.56	6.87	3610	0.70	7.87
			87.50%	31.0	521	0.70	3594	35.26	7.93	3942	38.67	8.69	4080	0.91	6.89
			100.00%	41.2	692	0.93	4316	42.34	9.52	4733	46.43	10.44	4470	1.08	6.24
		21.5" x 7.3 TRIPLE-EDN (KDE)	25.00%	2.4	40	0.05	512	5.02	1.13	561	5.51	1.24	1420	0.16	12.69
			37.50%	5.5	92	0.12	1003	9.84	2.21	1100	10.79	2.43	1970	0.30	10.86
			50.00%	10.2	171	0.23	1578	15.48	3.48	1731	16.98	3.82	2480	0.48	9.21
			62.50%	17.1	287	0.39	2288	22.45	5.05	2510	24.62	5.53	2990	0.67	7.97
			75.00%	25.7	432	0.58	3033	29.75	6.69	3326	32.63	7.33	3420	0.88	7.02
			87.50%	36.0	605	0.81	3735	36.64	8.24	4096	40.18	9.03	3820	1.09	6.18
			100.00%	47.8	803	1.08	4457	43.72	9.83	4888	47.95	10.78	4170	1.28	5.55
KDE5215-330kV	25.2V [6S]	15.5" x 5.3 DUAL-EDN (KDE)	25.00%	2.5	63	0.08	554	5.43	1.22	607	5.96	1.34	3130	0.12	8.79
			37.50%	4.1	103	0.14	873	8.56	1.92	957	9.39	2.11	3910	0.18	8.45
			50.00%	6.0	151	0.20	1166	11.44	2.57	1279	12.55	2.82	4520	0.23	7.71
			62.50%	9.0	227	0.30	1582	15.52	3.49	1735	17.02	3.83	5280	0.31	6.98
			75.00%	13.4	338	0.45	2162	21.21	4.77	2371	23.26	5.23	6140	0.42	6.40
			87.50%	19.3	486	0.65	2794	27.41	6.16	3064	30.06	6.76	6970	0.54	5.74
			100.00%	25.5	643	0.86	3451	33.85	7.61	3784	37.12	8.35	7630	0.66	5.37
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	2.6	66	0.09	686	6.73	1.51	753	7.38	1.66	2820	0.11	10.36
			37.50%	4.5	114	0.15	1065	10.45	2.35	1168	11.46	2.58	3550	0.19	9.33
			50.00%	7.3	185	0.25	1491	14.63	3.29	1635	16.04	3.61	4310	0.29	8.07
			62.50%	11.6	293	0.39	2039	20.01	4.50	2236	21.94	4.93	5120	0.41	6.97
			75.00%	17.6	444	0.60	2713	26.61	5.98	2975	29.18	6.56	5930	0.56	6.11
			87.50%	24.9	628	0.84	3448	33.83	7.60	3782	37.10	8.34	6710	0.72	5.49
			100.00%	32.9	829	1.11	4105	40.27	9.05	4502	44.16	9.93	7370	0.88	4.95
		18.5" x 6.3 DUAL-EDN (KDE)	25.00%	2.7	68	0.09	697	6.83	1.54	764	7.49	1.68	2560	0.14	10.31
			37.50%	5.1	129	0.17	1205	11.82	2.66	1322	12.97	2.92	3330	0.24	9.34
			50.00%	9.0	228	0.31	1850	18.15	4.08	2029	19.90	4.47	4130	0.38	8.12
			62.50%	14.8	372	0.50	2669	26.18	5.89	2927	28.72	6.46	4940	0.55	7.17
			75.00%	22.2	559	0.75	3494	34.28	7.71	3832	37.59	8.45	5710	0.74	6.25
			87.50%	31.7	798	1.07	4453	43.68	9.82	4883	47.90	10.77	6420	0.93	5.58
			100.00%	40.9	1029	1.38	5269	51.69	11.62	5779	56.69	12.74	7030	1.11	5.12
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	3.0	76	0.10	775	7.60	1.71	850	8.33	1.87	2340	0.18	10.21
			37.50%	6.4	162	0.22	1359	13.33	3.00	1491	14.62	3.29	3150	0.34	8.41
			50.00%	11.8	298	0.40	2170	21.29	4.79	2380	23.34	5.25	3940	0.52	7.27
			62.50%	19.6	494	0.66	3069	30.11	6.77	3366	33.02	7.42	4690	0.76	6.22
			75.00%	29.1	733	0.98	3992	39.16	8.80	4378	42.95	9.66	5380	0.98	5.45
			87.50%	40.4	1018	1.36	4976	48.81	10.97	5457	53.53	12.03	6010	1.21	4.89
			100.00%	52.7	1328	1.78	5900	57.88	13.01	6470	63.47	14.27	6490	1.43	4.44
		21.5" x 7.3 DUAL-EDN (KDE)	25.00%	3.6	89	0.12	1066	10.46	2.35	1169	11.47	2.58	2140	0.25	11.92
			37.50%	8.2	208	0.28	1961	19.24	4.32	2151	21.10	4.74	2960	0.46	9.44
			50.00%	15.6	392	0.53	3088	30.30	6.81	3387	33.23	7.47	3690	0.73	7.88
			62.50%	26.3	663	0.89	4187	41.08	9.23	4592	45.05	10.13	4340	1.03	6.31
			75.00%	38.7	974	1.31	5365	52.63	11.83	5883	57.72	12.98	4930	1.31	5.51
			87.50%	50.6	1275	1.71	6040	59.25	13.32	6624	64.98	14.61	5250	1.51	4.74
			100.00%	68.5	1726	2.32	7267	71.29	16.03	7970	78.18	17.58	5830	1.84	4.21
KDE5215-330kV	33.6V [8S]	15.5" x 5.3 DUAL-EDN (KDE)	25.00%	3.3	111	0.15	923	9.05	2.03	1012	9.93	2.23	3920	0.16	8.32
			37.50%	5.7	192	0.26	1390	13.64	3.07	1525	14.96	3.36	4860	0.26	7.26
			50.00%	8.8	296	0.40	1906	18.70	4.20	2091	20.51	4.61	5720	0.37	6.45
			62.50%	13.5	454	0.61	2641	25.91	5.82	2897	28.42	6.39	6710	0.51	5.82
			75.00%	21.0	706	0.95	3596	35.28	7.93	3944	38.69	8.70	7810	0.70	5.10
			87.50%	31.1	1045	1.40	4690	46.01	10.34	5144	50.46	11.34	8920	0.91	4.49
			100.00%	40.3	1354	1.82	5579	54.73	12.30	6118	60.02	13.49	9690	1.10	4.12
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.00%	3.6	120	0.16	1029	10.09	2.27	1128	11.07	2.49	3530	0.18	8.60
			37.50%	6.4	213	0.29	1574	15.44	3.47	1726	16.94	3.81	4450	0.30	7.38
			50.00%	10.9	367	0.49	2344	22.99	5.17	2571	25.22	5.67	5450	0.47	6.39
			62.50%	17.5	588	0.79	3275	32.13	7.22	3592	35.23	7.92	6480	0.67	5.57
			75.00%	26.5	891	1.19	4320	42.38	9.53	4738	46.47	10.45	7470	0.90	4.85
			87.50%	39.0	1310	1.76	5533	54.28	12.20	6068	59.53	13.38	8500	1.17	4.22
			100.00%	50.7	1703	2.28	6448	63.26	14.22	7072	69.37	15.60	9220	1.38	3.79
		18.5" x 6.3 DUAL-EDN (KDE)	25.00%	3.8	127	0.17	1180	11.58	2.60	1294	12.70	2.85	3250	0.21	9.29
			37.50%	7.6	255	0.34	1998	19.60	4.41	2191	21.50	4.83	4240	0.39	7.85
			50.00%	13.6	458	0.61	3012	29.55	6.64	3304	32.41	7.29	5250	0.61	6.57
			62.50%	22.4	754	1.01	4284	42.02	9.45	4698	46.09	10.36	6220	0.89	5.68
			75.00%	33.3	1118	1.50	5500	53.96	12.13	6032	59.17	13.30	7120	1.16	4.92
			87.50%	48.0	1613	2.16	6932	68.00	15.29	7602	74.58	16.77	7990	1.44	4.30
			100.00%	61.8	2077	2.79	8079	79.25	17.82	8860	86.92	19.54	8670	1.72	3.89
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.00%	4.4	148	0.20	1245	12.21	2.75	1365	13.39	3.01	3000	0.26	8.44
			37.50%	9.6	323	0.43	2292	22.49	5.05	2514	24.66	5.54	4000	0.51	7.11
			50.00%	18.0	603	0.81	3497	34.30	7.71	3835	37.62	8.46	4970	0.83	5.79
			62.50%	29.0	973	1.30	4900	48.07	10.81	5374	52.72	11.85	5860	1.15	5.04
			75.00%	42.7	1433	1.92	6501	63.78	14.34	7130	69.94	15.72	6610	1.48	4.54
			87.50%	59.3	1991	2.67	7537	73.94	16.62	8265	81.08	18.23	7270	1.79	3.79
			100.00%	75.8	2546	3.41	8674	85.09	19.13	9513	93.32	20.98	7770	2.06	3.41

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.