

MOTOR VERSION	VOLTAGE LiHV [V]	PROPELLER SIZE	THROTTLE RANGE	AMPERAGE [A]	POWER INPUT [W] [hp]		THRUST OUTPUT [g] [N] [lb]			RPM [rev/min]	EFFICIENCY [g/W] [lb/hp]	
				(LOWER IS BETTER)	(LOWER IS BETTER)		(HIGHER IS BETTER)			(HIGHER IS BETTER)	(HIGHER IS BETTER)	
KDE5215XF-435 (435Kv) KDEXF-UAS95HVC S.R. ENABLED	15.4V (4S) 17.4V MAX	18.5" x 6.3 DUAL-EDN (KDE)	25.0%	2.0	34	0.05	370	3.63	0.82	1880	10.88	17.89
			37.5%	3.9	67	0.09	680	6.67	1.50	2520	10.15	16.69
			50.0%	6.8	118	0.16	1100	10.79	2.43	3220	9.32	15.33
			62.5%	11.3	196	0.26	1600	15.69	3.53	3840	8.16	13.42
			75.0%	17.4	302	0.40	2170	21.28	4.78	4440	7.19	11.81
			87.5%	24.9	433	0.58	2810	27.56	6.19	5840	6.49	10.67
			100.0%	33.9	589	0.79	3650	35.79	8.05	6800	6.20	10.19
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.0%	2.2	38	0.05	460	4.51	1.01	1800	12.11	19.90
			37.5%	4.6	80	0.11	830	8.14	1.83	2480	10.38	17.06
			50.0%	8.6	149	0.20	1310	12.85	2.89	3040	8.79	14.45
			62.5%	14.5	252	0.34	1900	18.63	4.19	3660	7.54	12.40
			75.0%	22.6	393	0.53	2560	25.11	5.64	4280	6.51	10.71
			87.5%	31.6	549	0.74	3240	31.77	7.14	4880	5.90	9.70
		21.5" x 7.3 DUAL-EDN (KDE)	100.0%	43.5	756	1.01	4180	40.99	9.22	5360	5.53	9.09
			25.0%	3.2	55	0.07	750	7.35	1.65	1880	13.64	22.42
			37.5%	7.0	121	0.16	1330	13.04	2.93	2520	10.99	18.07
			50.0%	13.5	234	0.31	2110	20.69	4.65	3120	9.02	14.82
			62.5%	23.2	403	0.54	3030	29.71	6.68	3780	7.52	12.36
	75.0%		36.4	633	0.85	4040	39.62	8.91	4320	6.38	10.49	
	87.5%		51.5	896	1.20	5150	50.50	11.35	4880	5.75	9.45	
	100.0%	69.0	1200	1.61	6380	62.57	14.07	5340	5.32	8.74		
	23.1V (6S) 26.1V MAX	15.5" x 5.3 DUAL-EDN (KDE)	25.0%	2.6	67	0.09	580	5.69	1.28	3180	8.66	14.23
			37.5%	5.3	138	0.19	1090	10.69	2.40	4320	7.90	12.99
			50.0%	9.3	242	0.32	1730	16.97	3.81	5400	7.15	11.75
			62.5%	14.9	388	0.52	2460	24.12	5.42	6420	6.34	10.42
			75.0%	23.6	615	0.82	3400	33.34	7.50	7580	5.53	9.09
			87.5%	33.9	884	1.19	4370	42.86	9.63	8580	4.94	8.13
			100.0%	46.6	1216	1.63	5730	56.19	12.63	9600	4.71	7.75
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.0%	3.1	80	0.11	690	6.77	1.52	3060	8.63	14.18
			37.5%	6.5	169	0.23	1290	12.65	2.84	4180	7.63	12.55
			50.0%	11.4	297	0.40	2010	19.71	4.43	5160	6.77	11.13
			62.5%	18.3	477	0.64	2850	27.95	6.28	6180	5.97	9.82
			75.0%	29.6	772	1.04	3920	38.44	8.64	7240	5.08	8.35
			87.5%	42.7	1114	1.49	5040	49.43	11.11	8240	4.52	7.44
		100.0%	58.5	1526	2.05	6540	64.14	14.42	9120	4.29	7.05	
		18.5" x 6.3 DUAL-EDN (KDE)	25.0%	3.9	101	0.14	990	9.71	2.18	3000	9.80	16.11
			37.5%	7.8	203	0.27	1730	16.97	3.81	3980	8.52	14.01
			50.0%	14.4	375	0.50	2670	26.18	5.89	4920	7.12	11.71
			62.5%	24.0	626	0.84	3830	37.56	8.44	5880	6.12	10.06
	75.0%		39.5	1030	1.38	5310	52.07	11.71	6900	5.16	8.48	
	87.5%		58.6	1529	2.05	6850	67.18	15.10	7800	4.48	7.37	
	100.0%		74.5	1944	2.61	8420	82.57	18.56	8460	4.33	7.12	
30.8V (8S) 34.8V MAX	15.5" x 5.3 DUAL-EDN (KDE)	25.0%	4.3	149	0.20	1100	10.79	2.43	4320	7.38	12.14	
		37.5%	7.9	274	0.37	1840	18.04	4.06	5560	6.72	11.04	
		50.0%	14.2	494	0.66	2840	27.85	6.26	6900	5.75	9.45	
		62.5%	23.2	807	1.08	4080	40.01	8.99	8220	5.06	8.31	
		75.0%	36.6	1273	1.71	5540	54.33	12.21	9540	4.35	7.15	
		87.5%	56.1	1952	2.62	7480	73.35	16.49	10920	3.83	6.30	
		100.0%	72.7	2529	3.39	9110	89.34	20.08	11880	3.60	5.92	
	15.5" x 5.3 TRIPLE-EDN (KDE)	25.0%	4.8	167	0.22	1230	12.06	2.71	4040	7.37	12.11	
		37.5%	9.3	323	0.43	2120	20.79	4.67	5260	6.56	10.79	
		50.0%	17.9	622	0.83	3340	32.75	7.36	6640	5.37	8.83	
		62.5%	29.0	1009	1.35	4690	45.99	10.34	7820	4.65	7.64	
		75.0%	45.5	1583	2.12	6320	61.98	13.93	9060	3.99	6.56	
		87.5%	66.0	2296	3.08	8260	81.00	18.21	10160	3.60	5.91	
		100.0%	85.5	2975	3.99	9810	96.20	21.63	11060	3.30	5.42	
Note : performance chart provided under the test conditions listed below. Measurements taken under alternate conditions will affect the final results.												
Location : KDE Direct HQ Dynamometer V2 (Bend, Oregon)												
Altitude : 3730 ft (1137 m)												
Pressure : 30.3 inHg (1026 hPa)												
Temperature : 72 °F (22°C)												
Humidity : 35% (Relative)												