

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)	
KDE4215XF-465 (465Kv) KDEXF-UAS55HVC S.R. ENABLED	15.4V (4S) 17.4V MAX	15.5" x 5.3 DUAL-EDN (KDE)	25.0%	1.4	24	0.03	290	2.84	0.64	2220	12.08	19.86
			37.5%	2.8	48	0.06	510	5.00	1.12	3080	10.63	17.47
			50.0%	4.9	85	0.11	830	8.14	1.83	3840	9.76	16.05
			62.5%	8.0	139	0.19	1230	12.06	2.71	4620	8.85	14.55
			75.0%	12.4	215	0.29	1690	16.57	3.73	5340	7.86	12.92
			87.5%	18.4	320	0.43	2210	21.67	4.87	6160	6.91	11.35
			100.0%	25.2	438	0.59	2870	28.15	6.33	6840	6.55	10.77
		15.5" x 5.3 TRIPLE-EDN (KDE)	25.0%	1.6	27	0.04	350	3.43	0.77	2180	12.96	21.31
			37.5%	3.3	57	0.08	630	6.18	1.39	2920	11.05	18.17
			50.0%	6.2	107	0.14	1010	9.90	2.23	3660	9.44	15.52
			62.5%	10.4	180	0.24	1470	14.42	3.24	4440	8.17	13.43
			75.0%	16.0	278	0.37	2010	19.71	4.43	5120	7.23	11.89
			87.5%	24.1	419	0.56	2630	25.79	5.80	5880	6.28	10.32
		18.5" x 6.3 DUAL-EDN (KDE)	25.0%	1.9	33	0.04	480	4.71	1.06	2040	14.55	23.91
			37.5%	4.3	74	0.10	870	8.53	1.92	2820	11.76	19.33
			50.0%	8.0	139	0.19	1350	13.24	2.98	3540	9.71	15.97
			62.5%	13.6	236	0.32	1940	19.02	4.28	4260	8.22	13.51
			75.0%	19.8	344	0.46	2530	24.81	5.58	4800	7.35	12.09
			87.5%	29.3	509	0.68	3280	32.17	7.23	5400	6.44	10.59
			100.0%	38.9	676	0.91	4070	39.91	8.97	6000	6.02	9.90
		18.5" x 6.3 TRIPLE-EDN (KDE)	25.0%	2.2	38	0.05	550	5.39	1.21	1920	14.47	23.79
	37.5%		5.0	87	0.12	990	9.71	2.18	2600	11.38	18.71	
	50.0%		9.8	170	0.23	1540	15.10	3.40	3320	9.06	14.89	
	62.5%		16.8	292	0.39	2210	21.67	4.87	3900	7.57	12.44	
	75.0%		25.6	445	0.60	2850	27.95	6.28	4460	6.40	10.53	
	87.5%		37.2	647	0.87	3620	35.50	7.98	5040	5.60	9.20	
	100.0%		47.3	823	1.10	4460	43.74	9.83	5440	5.42	8.91	
	23.1V (6S) 26.1V MAX	12.5" x 4.3 DUAL-EDN (KDE)	25.0%	1.1	28	0.04	210	2.06	0.46	3460	7.50	12.33
			37.5%	2.3	60	0.08	430	4.22	0.95	4800	7.17	11.78
			50.0%	3.9	101	0.14	690	6.77	1.52	6180	6.83	11.23
			62.5%	6.1	159	0.21	1030	10.10	2.27	7400	6.48	10.65
			75.0%	8.7	227	0.30	1390	13.63	3.06	8580	6.12	10.07
			87.5%	12.6	328	0.44	1810	17.75	3.99	9800	5.52	9.07
			100.0%	17.1	446	0.60	2370	23.24	5.22	11840	5.31	8.74
		12.5" x 4.3 TRIPLE-EDN (KDE)	25.0%	1.3	33	0.04	270	2.65	0.60	3460	8.18	13.45
			37.5%	2.9	75	0.10	540	5.30	1.19	4760	7.20	11.84
			50.0%	4.8	125	0.17	830	8.14	1.83	6000	6.64	10.92
			62.5%	7.7	200	0.27	1230	12.06	2.71	7200	6.15	10.11
			75.0%	11.4	297	0.40	1650	16.18	3.64	8360	5.56	9.13
			87.5%	16.5	430	0.58	2150	21.08	4.74	9560	5.00	8.22
		15.5" x 5.3 DUAL-EDN (KDE)	25.0%	2.4	62	0.08	620	6.08	1.37	3360	10.00	16.44
			37.5%	4.7	122	0.16	1060	10.40	2.34	4260	8.69	14.28
50.0%			8.5	221	0.30	1670	16.38	3.68	5340	7.56	12.42	
62.5%			14.6	381	0.51	2430	23.83	5.36	6420	6.38	10.49	
75.0%			23.2	605	0.81	3340	32.75	7.36	7500	5.52	9.08	
87.5%			35.5	926	1.24	4410	43.25	9.72	8560	4.76	7.83	
100.0%			45.2	1179	1.58	5360	52.56	11.82	9300	4.55	7.47	
15.5" x 5.3 TRIPLE-EDN (KDE)		25.0%	2.7	70	0.09	710	6.96	1.57	3140	10.14	16.67	
	37.5%	5.6	146	0.20	1220	11.96	2.69	4040	8.36	13.74		
	50.0%	10.5	274	0.37	1920	18.83	4.23	5040	7.01	11.52		
	62.5%	17.3	451	0.60	2710	26.58	5.97	6000	6.01	9.88		
	75.0%	28.1	733	0.98	3700	36.28	8.16	6880	5.05	8.30		
	87.5%	41.5	1083	1.45	4790	46.97	10.56	7880	4.42	7.27		
18.5" x 6.3 DUAL-EDN (KDE)	25.0%	3.0	78	0.10	840	8.24	1.85	2760	10.77	17.70		
	37.5%	7.0	182	0.24	1640	16.08	3.62	3840	9.01	14.81		
	50.0%	13.0	339	0.45	2470	24.22	5.45	4740	7.29	11.98		
	62.5%	22.0	574	0.77	3490	34.23	7.69	5640	6.08	10.00		
	75.0%	34.0	887	1.19	4470	43.84	9.85	6363	5.04	8.28		
	87.5%	49.2	1284	1.72	5550	54.43	12.24	7200	4.32	7.11		
	100.0%	68.6	1790	2.40	7100	69.63	15.65	7860	3.97	6.52		

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)