

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)	
KDE2814XF-515 (515Kv)  KDEXF-UAS35 S.R. Enabled	15.4V (4S) 17.4V MAX	12.5" x 4.3 KDE-CF125-DP DUAL-BLADE	25.0%	0.5	7	0.01	120	1.18	0.26	2400	17.14	28.18
			37.5%	1.1	16	0.02	230	2.26	0.51	3480	14.38	23.63
			50.0%	2.0	30	0.04	370	3.63	0.82	4440	12.33	20.28
			62.5%	3.2	49	0.07	550	5.39	1.21	5480	11.22	18.45
			75.0%	5.0	77	0.10	750	7.35	1.65	6300	9.74	16.01
			87.5%	7.1	109	0.15	980	9.61	2.16	7200	8.99	14.78
		100.0%	9.5	146	0.20	1230	12.06	2.71	8040	8.42	13.85	
		12.5" x 4.3 KDE-CF125-TP TRIPLE-BLADE	25.0%	0.6	9	0.01	150	1.47	0.33	2380	16.67	27.40
			37.5%	1.3	20	0.03	280	2.75	0.62	3400	14.00	23.02
			50.0%	2.5	38	0.05	440	4.31	0.97	4280	11.58	19.04
			62.5%	4.1	63	0.08	650	6.37	1.43	5200	10.32	16.96
			75.0%	6.4	98	0.13	880	8.63	1.94	6040	8.98	14.76
			87.5%	9.6	147	0.20	1140	11.18	2.51	6980	7.76	12.75
		100.0%	12.2	187	0.25	1400	13.73	3.09	7600	7.49	12.31	
	15.5" x 5.3 KDE-CF155-DP DUAL-BLADE	25.0%	0.9	13	0.02	260	2.55	0.57	2180	20.00	32.88	
		37.5%	2.3	35	0.05	510	5.00	1.12	3000	14.57	23.96	
		50.0%	4.6	70	0.09	840	8.24	1.85	3780	12.00	19.73	
		62.5%	7.7	118	0.16	1190	11.67	2.62	4440	10.08	16.58	
		75.0%	11.4	175	0.23	1510	14.81	3.33	4980	8.63	14.19	
		87.5%	16.2	249	0.33	1840	18.04	4.06	5520	7.39	12.15	
	100.0%	20.2	311	0.42	2150	21.08	4.74	5880	6.91	11.37		
	23.1V (6S) 26.1V MAX	12.5" x 4.3 KDE-CF125-DP DUAL-BLADE	25.0%	0.9	20	0.03	270	2.65	0.60	3780	13.50	22.19
			37.5%	1.9	43	0.06	480	4.71	1.06	5040	11.16	18.35
			50.0%	3.6	83	0.11	760	7.45	1.68	6380	9.16	15.05
			62.5%	5.8	133	0.18	1080	10.59	2.38	7620	8.12	13.35
			75.0%	9.0	207	0.28	1460	14.32	3.22	8820	7.05	11.60
			87.5%	13.1	302	0.40	1890	18.53	4.17	10020	6.26	10.29
		100.0%	17.2	397	0.53	2360	23.14	5.20	10920	5.94	9.77	
12.5" x 4.3 KDE-CF125-TP TRIPLE-BLADE		25.0%	1.0	23	0.03	320	3.14	0.71	3520	13.91	22.87	
		37.5%	2.3	53	0.07	570	5.59	1.26	4800	10.75	17.68	
		50.0%	4.2	97	0.13	900	8.83	1.98	6080	9.28	15.25	
		62.5%	7.5	173	0.23	1270	12.45	2.80	7280	7.34	12.07	
		75.0%	11.6	267	0.36	1690	16.57	3.73	8320	6.33	10.41	
		87.5%	16.4	378	0.51	2190	21.48	4.83	9240	5.79	9.52	
		100.0%	20.6	475	0.64	2600	25.50	5.73	10040	5.47	9.00	
	<b>Note</b> : performance chart provided under the test conditions listed below. Measurements taken under alternate conditions will affect the final results. <i>Location</i> : KDE Direct HQ Dynamometer V2 (Bend, Oregon) <i>Altitude</i> : 3730 ft (1137 m) <i>Pressure</i> : 30.3 inHg (1026 hPa) <i>Temperature</i> : 72 °F (22°C) <i>Humidity</i> : 35% (Relative)											