

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)	(Lower is Better)	(Lower is Better)	(Higher is Better)	(Higher is Better)	(Higher is Better)		(Higher is Better)	
KDE4213XF-360 (360kv, HE) KDEXF-UAS55SHVC S.R. Enabled	15.4V (4S) 17.4V MAX	18.5" x 6.3 KDE-CF185-DP DUAL-BLADE	25.0%	0.9	13	0.02	260	2.55	0.57	1620	20.00	32.88	
			37.5%	1.9	29	0.04	490	4.81	1.08	2180	16.90	27.78	
			50.0%	3.7	56	0.08	810	7.94	1.79	2780	14.46	23.78	
			62.5%	6.1	93	0.12	1170	11.47	2.58	3300	12.58	20.68	
			75.0%	9.3	143	0.19	1580	15.49	3.48	3780	11.05	18.16	
			87.5%	13.1	201	0.27	2010	19.71	4.43	4280	10.00	16.44	
		100.0%	17.6	271	0.36	2570	25.20	5.67	4740	9.48	15.59		
		25.0%	1.1	16	0.02	330	3.24	0.73	1520	20.63	33.91		
		37.5%	2.4	36	0.05	610	5.98	1.34	2020	16.94	27.86		
		50.0%	4.7	72	0.10	960	9.41	2.12	2600	13.33	21.92		
		62.5%	7.9	121	0.16	1380	13.53	3.04	3120	11.40	18.75		
		75.0%	11.8	181	0.24	1840	18.04	4.06	3600	10.17	16.71		
	87.5%	16.7	257	0.34	2300	22.56	5.07	4060	8.95	14.71			
	100.0%	22.3	343	0.46	2940	28.83	6.48	4440	8.57	14.09			
	25.0%	0.5	11	0.01	130	1.27	0.29	2520	11.82	19.43			
	37.5%	1.0	23	0.03	240	2.35	0.53	3660	10.43	17.15			
	50.0%	1.7	39	0.05	380	3.73	0.84	4040	9.74	16.02			
	62.5%	2.7	62	0.08	570	5.59	1.26	5700	9.19	15.11			
	75.0%	3.9	90	0.12	790	7.75	1.74	6600	8.78	14.43			
	87.5%	5.4	124	0.17	1010	9.90	2.23	7500	8.15	13.39			
	100.0%	7.1	164	0.22	1310	12.85	2.89	8400	7.99	13.13			
	25.0%	0.7	16	0.02	180	1.77	0.40	2520	11.25	18.49			
	37.5%	1.3	30	0.04	310	3.04	0.68	3680	10.33	16.99			
	50.0%	2.2	50	0.07	490	4.81	1.08	4640	9.80	16.11			
	62.5%	3.4	78	0.10	720	7.06	1.59	5580	9.23	15.18			
	75.0%	5.0	115	0.15	990	9.71	2.18	6480	8.61	14.15			
	87.5%	7.4	170	0.23	1260	12.36	2.78	7440	7.41	12.18			
	100.0%	9.3	214	0.29	1580	15.49	3.48	8200	7.38	12.14			
	25.0%	1.1	25	0.03	370	3.63	0.82	2580	14.80	24.33			
	37.5%	2.2	50	0.07	650	6.37	1.43	3380	13.00	21.37			
	50.0%	3.9	90	0.12	1050	10.30	2.31	4280	11.67	19.18			
	62.5%	6.4	147	0.20	1480	14.51	3.26	5040	10.07	16.55			
	75.0%	9.9	228	0.31	2020	19.81	4.45	5880	8.86	14.57			
	87.5%	14.3	330	0.44	2580	25.30	5.69	6690	7.82	12.85			
	100.0%	18.6	429	0.58	3220	31.58	7.10	7380	7.51	12.34			
	25.0%	1.2	27	0.04	440	4.31	0.97	2380	16.30	26.79			
	37.5%	2.6	60	0.08	770	7.55	1.70	3240	12.83	21.10			
	50.0%	4.9	113	0.15	1240	12.16	2.73	4080	10.97	18.04			
	62.5%	8.3	191	0.26	1740	17.06	3.84	4880	9.11	14.98			
	75.0%	12.3	284	0.38	2340	22.95	5.16	5620	8.24	13.55			
	87.5%	18.4	425	0.57	2980	29.22	6.57	6400	7.01	11.53			
	100.0%	23.2	535	0.72	3630	35.60	8.00	6920	6.79	11.15			
	25.0%	1.4	32	0.04	550	5.39	1.21	2720	17.19	28.26			
	37.5%	3.3	76	0.10	1040	10.20	2.29	3120	13.68	22.50			
	50.0%	6.1	140	0.19	1610	15.79	3.55	3840	11.50	18.91			
	62.5%	10.5	242	0.32	2330	22.85	5.14	4620	9.63	15.83			
	75.0%	16.1	371	0.50	3070	30.11	6.77	5280	8.27	13.60			
	87.5%	22.5	519	0.70	3770	36.97	8.31	5880	7.26	11.94			
100.0%	29.1	672	0.90	4610	45.21	10.16	6380	6.86	11.28				
25.0%	1.7	39	0.05	640	6.28	1.41	2180	16.41	26.98				
37.5%	4.1	94	0.13	1210	11.87	2.67	2980	12.87	21.16				
50.0%	8.0	184	0.25	1860	18.24	4.10	3680	10.11	16.62				
62.5%	13.4	309	0.41	2630	25.79	5.80	4380	8.51	13.99				
75.0%	20.0	462	0.62	3440	33.73	7.58	4880	7.45	12.24				
87.5%	27.8	642	0.86	4200	41.19	9.26	5400	6.54	10.76				
100.0%	36.2	836	1.12	5100	50.01	11.24	5920	6.00	10.03				
25.0%	0.9	27	0.04	280	2.75	0.62	3800	10.37	17.05				
37.5%	1.4	43	0.06	400	3.92	0.88	4880	9.30	15.29				
50.0%	2.5	77	0.10	650	6.37	1.43	6180	8.44	13.88				
62.5%	4.0	123	0.16	910	8.92	2.01	7320	7.40	12.16				
75.0%	5.8	178	0.24	1210	11.87	2.67	8400	6.80	11.18				
87.5%	8.1	249	0.33	1620	15.89	3.57	9540	6.51	10.70				
100.0%	10.8	332	0.45	2070	20.30	4.56	10690	6.23	10.25				
25.0%	1.2	36	0.05	360	3.53	0.79	3800	10.00	16.44				
37.5%	1.8	55	0.07	510	5.00	1.12	4780	9.27	15.24				
50.0%	3.3	101	0.14	830	8.14	1.83	6000	8.22	13.51				
62.5%	5.0	154	0.21	1160	11.38	2.56	7080	7.53	12.38				
75.0%	7.4	227	0.30	1530	15.00	3.37	8200	6.74	11.08				
87.5%	10.6	326	0.44	2020	19.81	4.45	9320	6.20	10.19				
100.0%	13.9	428	0.57	2570	25.20	5.67	10320	6.00	9.87				
25.0%	1.6	49	0.07	610	5.98	1.34	3300	12.45	20.47				
37.5%	3.2	98	0.13	1060	10.40	2.34	4320	10.82	17.78				
50.0%	5.7	175	0.23	1650	16.18	3.64	5340	9.43	15.50				
62.5%	9.6	295	0.40	2350	23.05	5.18	6420	7.97	13.10				
75.0%	14.4	443	0.59	3110	30.50	6.86	7320	7.02	11.54				
87.5%	21.2	652	0.87	4010	39.32	8.84	8290	6.15	10.11				
100.0%	27.5	847	1.14	4910	48.15	10.82	9030	5.80	9.53				
25.0%	1.8	55	0.07	720	7.06	1.59	3080	13.09	21.52				
37.5%	3.8	117	0.16	1240	12.16	2.73	4080	10.60	17.42				
50.0%	7.2	221	0.30	1910	18.73	4.21	5180	8.64	14.21				
62.5%	11.9	366	0.49	2700	26.48	5.95	6080	7.38	12.13				
75.0%	18.2	560	0.75	3540	34.72	7.80	6920	6.32	10.39				
87.5%	26.9	828	1.11	4560	44.72	10.05	7840	5.51	9.05				
100.0%	34.6	1065	1.43	5550	54.43	12.24	8560	5.21	8.57				
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)													