

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)		
KDE2315XF-2050 (2050Kv)	11.6V (3S) 13.1V MAX	6" x 3.0 (HQ)	25.0%	3.0	39	0.05	230	2.26	0.51	13020	5.90	9.70	
			37.5%	5.2	67	0.09	330	3.24	0.73	16020	4.93	8.10	
			50.0%	6.9	90	0.12	420	4.12	0.93	18240	4.67	7.67	
			62.5%	8.5	111	0.15	490	4.81	1.08	19860	4.41	7.26	
			75.0%	9.8	127	0.17	530	5.20	1.17	20940	4.17	6.86	
			87.5%	11.0	144	0.19	580	5.69	1.28	22020	4.03	6.62	
			100.0%	14.5	190	0.25	730	7.16	1.61	24600	3.84	6.32	
		6" x 4.5 (HQ)	25.0%	3.7	48	0.06	260	2.55	0.57	10200	5.42	8.90	
			37.5%	6.7	88	0.12	400	3.92	0.88	12980	4.55	7.47	
			50.0%	9.7	126	0.17	520	5.10	1.15	15000	4.13	6.78	
			62.5%	12.3	160	0.21	630	6.18	1.39	16500	3.94	6.47	
			75.0%	15.1	197	0.26	730	7.16	1.61	17940	3.71	6.09	
			87.5%	20.0	261	0.35	900	8.83	1.98	19980	3.45	5.67	
		7" x 4.5 (HQ)	100.0%	27.3	357	0.48	1110	10.89	2.45	22320	3.11	5.11	
			25.0%	4.1	53	0.07	300	2.94	0.66	8280	5.66	9.31	
			37.5%	7.8	102	0.14	470	4.61	1.04	10500	4.61	7.58	
			50.0%	11.9	155	0.21	640	6.28	1.41	12360	4.13	6.79	
			62.5%	15.9	208	0.28	790	7.75	1.74	13860	3.80	6.24	
			75.0%	22.3	292	0.39	1000	9.81	2.20	15660	3.42	5.63	
			87.5%	31.4	411	0.55	1260	12.36	2.78	17780	3.07	5.04	
		100.0%	42.2	553	0.74	1540	15.10	3.40	19560	2.78	4.58		
	8" x 2.7	25.0%	4.0	52	0.07	330	3.24	0.73	8700	6.35	10.43		
		37.5%	7.8	102	0.14	540	5.30	1.19	11840	5.29	8.70		
		50.0%	11.4	149	0.20	720	7.06	1.59	12660	4.83	7.94		
		62.5%	15.7	205	0.27	910	8.92	2.01	14160	4.44	7.30		
		75.0%	21.9	287	0.38	1170	11.47	2.58	15900	4.08	6.70		
		87.5%	31.4	411	0.55	1490	14.61	3.28	17880	3.63	5.96		
		100.0%	42.5	556	0.75	1810	17.75	3.99	19620	3.26	5.35		
	KDEXF-UAS55 S.R. ENABLED	15.4V (4S) 17.4V MAX	5" x 4.0 x 3 (HQ)	25.0%	4.4	76	0.10	300	2.94	0.66	15320	3.95	6.49
				37.5%	7.6	132	0.18	460	4.51	1.01	19000	3.48	5.73
				50.0%	10.5	183	0.25	590	5.79	1.30	21760	3.22	5.30
				62.5%	13.3	230	0.31	700	6.86	1.54	23880	3.04	5.00
				75.0%	15.4	268	0.36	790	7.75	1.74	25400	2.95	4.85
				87.5%	18.5	322	0.43	910	8.92	2.01	27400	2.83	4.65
				100.0%	25.3	439	0.59	1140	11.18	2.51	30600	2.60	4.27
			5" x 4.5BN (HQ)	25.0%	4.7	81	0.11	310	3.04	0.68	13800	3.83	6.29
				37.5%	8.4	145	0.19	470	4.61	1.04	17220	3.24	5.33
				50.0%	12.1	210	0.28	610	5.98	1.34	19800	2.90	4.78
				62.5%	15.4	268	0.36	730	7.16	1.61	21840	2.72	4.48
				75.0%	18.8	327	0.44	840	8.24	1.85	23580	2.57	4.22
				87.5%	24.6	427	0.57	1030	10.10	2.27	26180	2.41	3.97
			100.0%	33.3	580	0.78	1250	12.26	2.76	28980	2.16	3.54	
6" x 3.0 (HQ)		25.0%	4.1	71	0.10	330	3.24	0.73	16260	4.65	7.64		
		37.5%	6.9	120	0.16	490	4.81	1.08	19980	4.08	6.71		
		50.0%	9.5	164	0.22	620	6.08	1.37	22860	3.78	6.22		
		62.5%	12.0	208	0.28	730	7.16	1.61	24780	3.51	5.77		
		75.0%	14.0	244	0.33	830	8.14	1.83	26280	3.40	5.59		
		87.5%	16.6	288	0.39	950	9.32	2.09	27960	3.30	5.42		
		100.0%	22.7	395	0.53	1200	11.77	2.65	31020	3.04	4.99		
	6" x 4.5 (HQ)	25.0%	5.0	86	0.12	380	3.73	0.84	12660	4.42	7.26		
		37.5%	8.9	154	0.21	590	5.79	1.30	16020	3.83	6.30		
		50.0%	13.1	227	0.30	740	7.26	1.63	18420	3.26	5.36		
		62.5%	17.2	298	0.40	930	9.12	2.05	20340	3.12	5.13		
		75.0%	21.6	376	0.50	1110	10.89	2.45	22140	2.95	4.85		
		87.5%	30.0	522	0.70	1400	13.73	3.09	24900	2.68	4.41		
		100.0%	40.9	710	0.95	1680	16.48	3.70	27540	2.37	3.89		

**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)