MOTOR VERSION	VOLTAGE LiHV [V]	PROPELLER SIZE	THROTTLE RANGE	AMPERAGE [A] (LOWER IS BETTER)	POWER INPUT [W] (LOWER IS BETTER)	POWER INPUT [hp] (LOWER IS BETTER)	THRUST OUTPUT [g] (HIGHER IS BETTER)	THRUST OUTPUT [N] (HIGHER IS BETTER)	THRUST OUTPUT [lb] (HIGHER IS BETTER)	RPM [rev/min] (HIGHER IS BETTER)	EFFICIENCY [g/W] (HIGHER IS BETTER)	EFFICIENCY [lb/hp] (HIGHER IS BETTER)
KDE1806XF-2350 (2350Kv) KDEXF-UAS20LV S.R. ENABLED	7.7V (2S) 8.7V MAX	5" x 3.0 (HQ)	25.0%	0.6	5	0.01	60	0.59	0.13	7800	12.00	19.73
			37.5%	1.0	8	0.01	80	0.78	0.18	9900	10.00	16.44
			50.0%	1.5	12	0.02	110	1.08	0.24	11580	9.17	15.07
			62.5%	2.0	16	0.02	130	1.27	0.29	12720	8.13	13.36
			75.0%	2.5	21	0.03	160	1.57	0.35	13980	7.62	12.53
			87.5%	3.4	29	0.04	210	2.06	0.46	16080	7.24	11.90
			100.0%	4.7	40	0.05	240	2.35	0.53	18060	6.00	9.86
		5" x 4.0 (HQ)	25.0%	0.6	5	0.01	60	0.59	0.13	6780	12.00	19.73
			37.5%	1.2	10	0.01	80	0.78	0.18	8580	8.00	13.15
			50.0%	1.8	15	0.02	110	1.08	0.24	10080	7.33	12.06
			62.5%	2.3	20	0.03	130	1.27	0.29	11480	6.50	10.69
			75.0%	3.3	28	0.04	160	1.57	0.35	13280	5.71	9.39
			87.5%	4.9	42	0.06	230	2.26	0.51	15240	5.48	9.00
			100.0%	6.6	57	0.08	280	2.75	0.62	16980	4.91	8.08
		5" x 4.0 x 3 (HQ)	25.0%	0.7	5	0.01	70	0.69	0.15	5800	14.00	23.02
			37.5%	1.3	11	0.01	100	0.98	0.22	7440	9.09	14.95
			50.0%	2.0	16	0.02	130	1.27	0.29	8800	8.13	13.36
			62.5%	2.9	25	0.03	170	1.67	0.37	10360	6.80	11.18
			75.0%	4.5	39	0.05	220	2.16	0.49	12240	5.64	9.27
			87.5%	6.7	58	0.08	290	2.84	0.64	14080	5.00	8.22
			100.0%	9.0	78	0.10	360	3.53	0.79	15440	4.62	7.59
		5" x 4.5BN (HQ)	25.0%	0.7	5	0.01	70	0.69	0.15	5460	14.00	23.02
			37.5%	1.3	11	0.01	100	0.98	0.22	6900	9.09	14.95
			50.0%	2.0	17	0.02	120	1.18	0.26	8340	7.06	11.60
			62.5%	3.1	27	0.04	140	1.37	0.31	10080	5.19	8.52
			75.0%	5.3	45	0.06	200	1.96	0.44	11880	4.44	7.31
			87.5%	7.7	67	0.09	280	2.75	0.62	13560	4.18	6.87
			100.0%	10.1	88	0.12	340	3.33	0.75	14820	3.86	6.35
		6" x 3.0 (HQ)	25.0%	0.6	5	0.01	60	0.59	0.13	6720	12.00	19.73
			37.5%	1.1	9	0.01	90	0.88	0.20	8520	10.00	16.44
			50.0%	1.7	14	0.02	110	1.08	0.24	10020	7.86	12.92
			62.5%	2.3	20	0.03	150	1.47	0.33	11480	7.50	12.33
			75.0%	3.5	30	0.04	210	2.06	0.46	13140	7.00	11.51
			87.5%	5.1	44	0.06	270	2.65	0.60	15060	6.14	10.09
			100.0%	6.8	59	0.08	340	3.33	0.75	16800	5.76	9.47
		6" x 4.5 (HQ)	25.0%	0.7	5	0.01	60	0.59	0.13	4860	12.00	19.73
			37.5%	1.2	10	0.01	90	0.88	0.20	6240	9.00	14.80
			50.0%	2.3	20	0.03	130	1.27	0.29	7880	6.50	10.69
			62.5%	4.1	35	0.05	200	1.96	0.44	9480	5.71	9.39
			75.0%	6.3	55	0.07	270	2.65	0.60	11160	4.91	8.07
			87.5%	9.0	78	0.10	340	3.33	0.75	12480	4.36	7.17
			100.0%	11.7	101	0.14	410	4.02	0.90	13560	4.06	6.67
		7" x 4.5 (HQ)	25.0%	0.9	7	0.01	70	0.69	0.15	3980	10.00	16.44
			37.5%	1.7	14	0.02	120	1.18	0.26	5220	8.57	14.09
			50.0%	3.5	30	0.04	180	1.77	0.40	6780	6.00	9.86
			62.5%	5.9	50	0.07	240	2.35	0.53	7980	4.80	7.89
			75.0%	8.8	76	0.10	330	3.24	0.73	9080	4.34	7.14
			87.5%	11.9	103	0.14	380	3.73	0.84	9810	3.69	6.07
			100.0%	15.7	136	0.18	460	4.51	1.01	10920	3.38	5.56
	11.6V (3S) 13.1V MAX	5" x 3.0 (HQ)	25.0%	0.9	11	0.01	100	0.98	0.22	10740	9.09	14.95
			37.5%	1.6	20	0.03	150	1.47	0.33	13440	7.50	12.33
			50.0%	2.3	30	0.04	190	1.86	0.42	15540	6.33	10.41
			62.5%	3.1	40	0.05	230	2.26	0.51	17400	5.75	9.45
			75.0%	4.3	56	0.08	270	2.65	0.60	19680	4.82	7.93
			87.5%	6.2	81	0.11	350	3.43	0.77	22740	4.32	7.10
			100.0%	8.4	109	0.15	420	4.12	0.93	25200	3.85	6.33
		5" x 4.0 (HQ)	25.0%	1.0	12	0.02	100	0.98	0.22	9240	8.33	13.70
			37.5%	1.8	22	0.03	160	1.57	0.35	11400	7.27	11.96
			50.0%	2.6	34	0.05	210	2.06	0.46	13680	6.18	10.15
			62.5%	3.9	51	0.07	250	2.45	0.55	15780	4.90	8.06
			75.0%	6.0	79	0.11	340	3.33	0.75	18480	4.30	7.08
			87.5%	8.8	114	0.15	430	4.22	0.95	21240	3.77	6.20
			100.0%	11.5	150	0.20	510	5.00	1.12	23100	3.40	5.59
		5" x 4.0 x 3 (HQ)	25.0%	1.0	12	0.02	100	0.98	0.22	7920	8.33	13.70
			37.5%	2.0	25	0.03	170	1.67	0.37	9880	6.80	11.18
			50.0%	3.2	42	0.06	250	2.45	0.55	11960	5.95	9.79
			62.5%	5.4	70	0.09	320	3.14	0.71	14480	4.57	7.52
			75.0%	8.1	106	0.14	400	3.92	0.88	16660	3.77	6.20
			87.5%	11.4	149	0.20	490	4.81	1.08	18600	3.29	5.41
			100.0%	15.2	199	0.27	580	5.69	1.28	20560	2.91	4.79
		5" x 4.5BN (HQ)	25.0%	1.1	14	0.02	110	1.08	0.24	7380	7.86	12.92
			37.5%	2.0	26	0.03	160	1.57	0.35	9360	6.15	10.12
			50.0%	3.6	47	0.06	210	2.06	0.46	11460	4.47	7.35
			62.5%	6.0	79	0.11	290	2.84	0.64	13740	3.67	6.03
			75.0%	9.2	120	0.16	370	3.63	0.82	15720	3.08	5.07
			87.5%	12.9	168	0.23	460	4.51	1.01	17220	2.74	4.50
			100.0%	16.5	215	0.29	540	5.30	1.19	18900	2.51	4.13
		6" x 3.0 (HQ)	25.0%	1.1	14	0.02	120	1.18	0.26	9120	8.57	14.09
			37.5%	1.9	24	0.03	170	1.67	0.37	11400	7.08	11.64
			50.0%	2.7	35	0.05	210	2.06	0.46	13380	6.00	9.86
			62.5%	4.1	53	0.07	290	2.84	0.64	15540	5.47	9.00
			75.0%	6.2	81	0.11	400	3.92	0.88	18180	4.94	8.12
			87.5%	9.2	120	0.16	510	5.00	1.12	20680	4.25	6.99
			100.0%	12.2	159	0.21	590	5.79	1.30	22440	3.71	6.10
		6" x 4.5 (HQ)	25.0%	1.2	15	0.02	120	1.18	0.26	6600	8.00	13.15
			37.5%	2.2	29	0.04	180	1.77	0.40	8580	6.21	10.20
			50.0%	4.3	56	0.08	260	2.55	0.57	10740	4.64	7.63
			62.5%	7.1	93	0.12	360	3.53	0.79	12720	3.87	6.36
			75.0%	10.2	134	0.18	480	4.71	1.06	14340	3.58	5.89
			87.5%	14.6	191	0.26	560	5.49	1.23	15540	2.93	4.82
			100.0%	19.1	250	0.34	650	6.37	1.43	17560	2.60	4.27
	15.4V (4S) 17.4V MAX	5" x 3.0 (HQ)	25.0%	1.2	20	0.03	140	1.37	0.31	13140	7.00	11.51
			37.5%	2.0	34	0.05	190	1.86	0.42	16440	5.59	9.19
			50.0%	3.2	55	0.07	250	2.45	0.55	19080	4.55	7.47
			62.5%	4.5	78	0.10	330	3.24	0.73	21660	4.23	6.96
			75.0%	6.4	111	0.15	420	4.12	0.93	24840	3.78	6.22
			87.5%	9.3	161	0.22	560	5.49	1.23	28320	3.48	5.72
			100.0%	12.6	218	0.29	660	6.47	1.46	31140	3.03	4.98
		5" x 4.0 (HQ)	25.0%	1.3	22	0.03	140	1.37	0.31	11400	6.36	10.46
			37.5%	2.3	40	0.05	200	1.96	0.44	14160	5.00	8.22
			50.0%	3.7	64	0.09	280	2.75	0.62	16740	4.38	7.19
			62.5%	5.9	101	0.14	380	3.73	0.84	19800	3.76	6.19
			75.0%	8.9	154	0.21	490	4.81	1.08	22800	3.18	5.23
			87.5%	12.8	222	0.30	630	6.18	1.39	25500	2.84	4.67
			100.0%	17.0	295	0.40	770	7.55	1.70	28260	2.61	4.29

***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)*