



Performance Data
eVP-10 with eVector technology

eVP-10 (170Kv)								
Mass of EV-10 is ~300 grams								
ESC	Voltage	Prop	Current (A)	Power (W)	Thrust (lbs)	Thrust (g)	Grams/Watt	Operation Temperature (C)
HV-Pro 14s	48	21"x7	4.0	192	4.0	1814	9.4	>80
			5.1	245	4.5	2045	8.4	
			6.2	298	5.2	2364	7.9	
			8.1	389	6.4	2909	7.5	
			9.1	437	7.1	3227	7.4	
			10.4	499	7.8	3545	7.1	
			11.2	538	8.2	3727	6.9	
		12.2	586	8.7	3955	6.8		
		21.5"x8.1	4.2	202	4.0	1818	9.0	>90
			5.0	240	4.7	2136	8.9	
			6.8	326	6.0	2727	8.4	
			8.3	398	6.8	3091	7.8	
			10.0	480	7.9	3583	7.5	
			12.0	576	9.2	4182	7.3	
		23"x7.4	4.0	192	4.0	1818	9.5	>90
			4.8	230	4.6	2091	9.1	
			5.8	278	5.4	2455	8.8	
			7.1	341	6.2	2818	8.3	
			8.0	384	6.7	3045	7.9	
			9.0	432	7.5	3409	7.9	
			10.5	504	8.3	3773	7.5	
			11.1	533	8.6	3909	7.3	
			12.0	576	9.0	4091	7.1	
			14.0	672	10.3	4682	7.0	
		24.5"x8.1	4.2	202	4.4	2000	9.9	>110
			5.1	245	5.1	2318	9.5	
			6.3	302	6.0	2727	9.0	
			8.2	394	7.1	3227	8.2	
			10.3	494	8.3	3773	7.6	
			12.6	605	9.6	4364	7.2	
			14.1	677	10.6	4818	7.1	
		27.5"x8.9	4.0	192	5.0	2273	11.8	>110
			6.0	288	6.4	2909	10.1	
			8.0	384	8.0	3636	9.5	
			10.0	480	9.0	4091	8.5	
			12.0	576	10.0	4545	7.9	
14.0	672		10.6	4818	7.2			
16.0	768		12.0	5455	7.1			
18.0	864		12.9	5851	6.8			
20.0	960		13.5	6123	6.4			
								<110 After 10 min



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eVP-10 (240Kv)								
ESC	Voltage	Prop	Current (A)	Power (W)	Thrust (lbs)	Thrust (lbs/g)	Grams/Watts	Operation Temperature (C)
HV-Pro 14s	24	18.5"x6.3	4.0	192	2.1	955	5.0	>70
			5.0	240	2.5	1136	4.7	
			6.0	288	3.1	1409	4.9	
		21.5"x7.3	4.0	96	2.5	1136	11.8	
			6.0	144	3.5	1591	11.0	
			8.0	192	4.3	1955	10.2	
	10.0		240	5	2273	9.5		
	21.5"x7.3	11.0	264	5.7	2585	9.8		
		21.5"x7.3	4.0	192	3.5	1588	8.3	>110
			6.0	288	5.2	2364	8.2	
			8.0	384	6.5	2955	7.7	
			10.0	480	7.6	3447	7.2	
			12.0	576	8.4	3810	6.6	
	15.0		720	10.4	4727	6.6		
	20.0		960	12.6	5727	6.0	<110 after 10 min	
	48	24.5"x8.1	4.0	96	2.4	1091	11.4	>70
			6.0	144	3.4	1545	10.7	
			8.0	192	4.4	2000	10.4	
			10.0	240	5.3	2409	10.0	
			12.0	288	6.1	2773	9.6	
			14.0	336	6.6	3000	8.9	
	24.5"x8.1	4.0	192	4	1818	9.5	>100	
		6.0	288	5.6	2545	8.8		
		6.9	331.2	6.3	2864	8.6		
		8.0	384	6.8	3091	8.0		
		10.0	480	7.7	3500	7.3		
		12.0	576	9	4091	7.1		
		15.0	720	10	4545	6.3		
	20.0	960	13.3	6045	6.3	>110		
	24	27"x8	4.0	96	2.8	1273	13.3	>90
			6.0	144	3.8	1727	12.0	
			8.0	192	4.4	2000	10.4	
10.0			240	5.2	2364	9.9		
12.0			288	5.9	2682	9.3		
14.0			336	6.6	3000	8.9		
16.0			384	7.2	3273	8.5		
18.0			432	8	3636	8.4		
48	27"x8	2.0	96	2.7	1227	12.8	>90	
		4.0	192	4.4	2000	10.4		
		6.0	288	5.7	2591	9.0		
		8.0	384	6.7	3045	7.9		
		10.0	480	7.9	3591	7.5		



Performance Data
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eVP-10 (300Kv)								
ESC	Voltage	Prop	Current (A)	Power (W)	Thrust (lbs)	Thrust (lbs/g)	Gram/Watt	Operation Temperature (C)
HV-Pro 14s	24	18.5"x6.3	4.0	96	1.7	773	8.1	>70
			6.0	144	2.4	1091	7.6	
			8.0	192	3.3	1500	7.8	
			8.5	204	3.5	1591	7.8	
	48	18.5"x6.3	4.1	197	3.0	1364	6.9	>90
			5.3	254	3.8	1727	6.8	
			8.3	398	5.5	2500	6.3	
			10.4	499	6.3	2864	5.7	
			12.2	586	7.3	3318	5.7	
			15.0	720	8.2	3727	5.2	
	24	21.5"x7.3	4.0	96	2.2	1000	10.4	>70
			6.0	144	3.0	1364	9.5	
			8.0	192	3.9	1773	9.2	
			10.0	240	4.7	2136	8.9	
			12.0	288	5.4	2455	8.5	
			15.2	365	6.3	2864	7.9	
	48	21.5"x7.3	4.4	211	3.9	1773	8.4	>110
			5.4	259	4.5	2045	7.9	
			8.0	384	6.0	2721	7.1	
			10.5	504	7.0	3182	6.3	
			12.2	586	7.7	3500	6.0	
			15.0	720	8.8	4000	5.6	
	24	23.5"x5.5	4.0	96	1.9	864	9.0	>70
			6.0	144	2.7	1227	8.5	
			8.0	192	3.4	1545	8.0	
			10.0	240	4.1	1864	7.8	
			12.0	288	4.7	2136	7.4	
			14.0	336	5.2	2364	7.0	
	48	23.5"x5.5	5.2	250	3.9	1773	7.1	>110
			6.0	288	4.3	1955	6.8	
			8.4	403	5.4	2455	6.1	
			10.0	480	6.0	2727	5.7	
			12.8	614	7.1	3227	5.3	
			15.0	720	8.2	3727	5.2	
	24	27"x8	4.0	96	2.5	1136	11.8	>115
			6.0	144	3.4	1545	10.7	
			8.0	192	4.1	1864	9.7	
			10.0	240	5.0	2273	9.5	
			12.0	288	5.5	2500	8.7	
			15.0	360	6.5	2955	8.2	
20.0			480	8.0	3636	7.6		
25.0			600	9.2	4182	7.0		
30.0			720	10.3	4682	6.5		
35.0			840	11.5	5227	6.2		