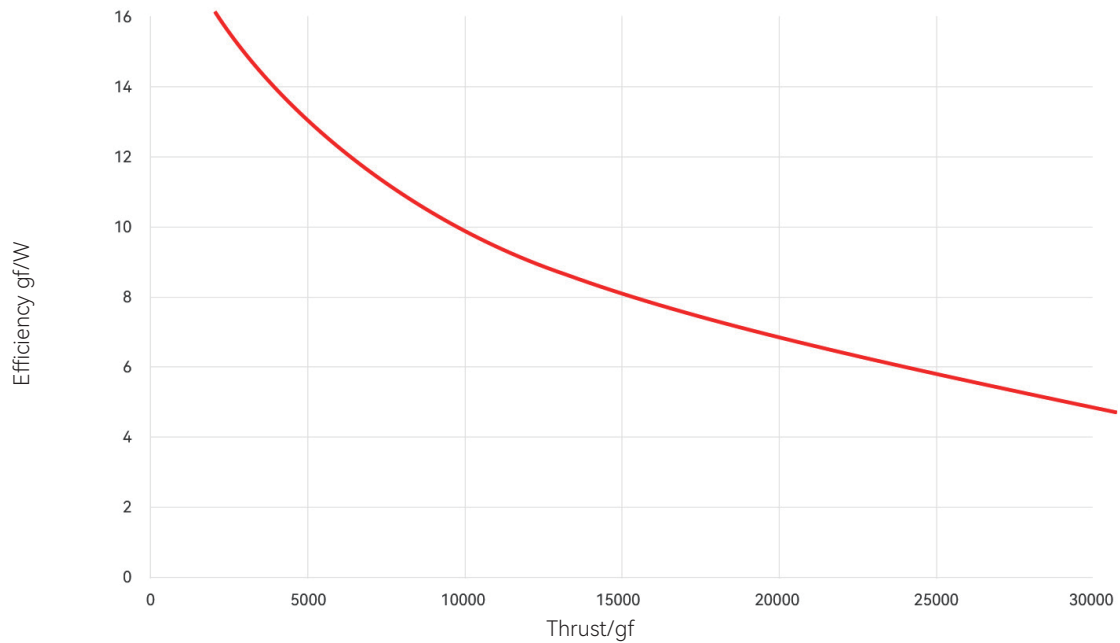


I11 KV70

Test Data							
Type	Voltage (V)	Throttle	Current (A)	Thrust (gf)	Motor efficiency (%)	Overall efficiency (gf/W)	Operating Temperature (°C)
I11 KV70 + 14S FOC 70A + I42	59.97	30%	3.85	3492	83.4	15.1	113 (Ambient temperature: 30)
	59.89	35%	6.20	4962	85.8	13.4	
	59.77	40%	9.29	6635	86.8	12.0	
	59.62	45%	13.23	8463	87.5	10.7	
	59.45	50%	18.03	10375	87.5	9.7	
	59.24	55%	23.66	12381	87.1	8.8	
	59.04	60%	30.45	14595	86.5	8.1	
	58.76	65%	37.93	16763	85.9	7.5	
	58.47	70%	46.29	18973	84.9	7.0	
	58.16	75%	54.97	20996	82.9	6.6	
	57.85	80%	64.28	22915	82.2	6.2	
	57.54	85%	73.63	24647	80.8	5.8	
	57.21	90%	83.23	26297	79.1	5.5	
	56.86	95%	92.74	27709	77.4	5.3	
	56.59	100%	100.70	28781	75.8	5.1	

Note: Motor temperature is the motor surface temperature at 80% throttle running 3min.
(Data above based on IPET SYSTEMS benchtest are for reference only. Final interpretation rights reserved by IPET SYSTEMS.)

Thrust-Efficiency Curve



Contents



I11 Power System CW*2
I11 Power System CCW*2
(Excl. Carbon Tube)