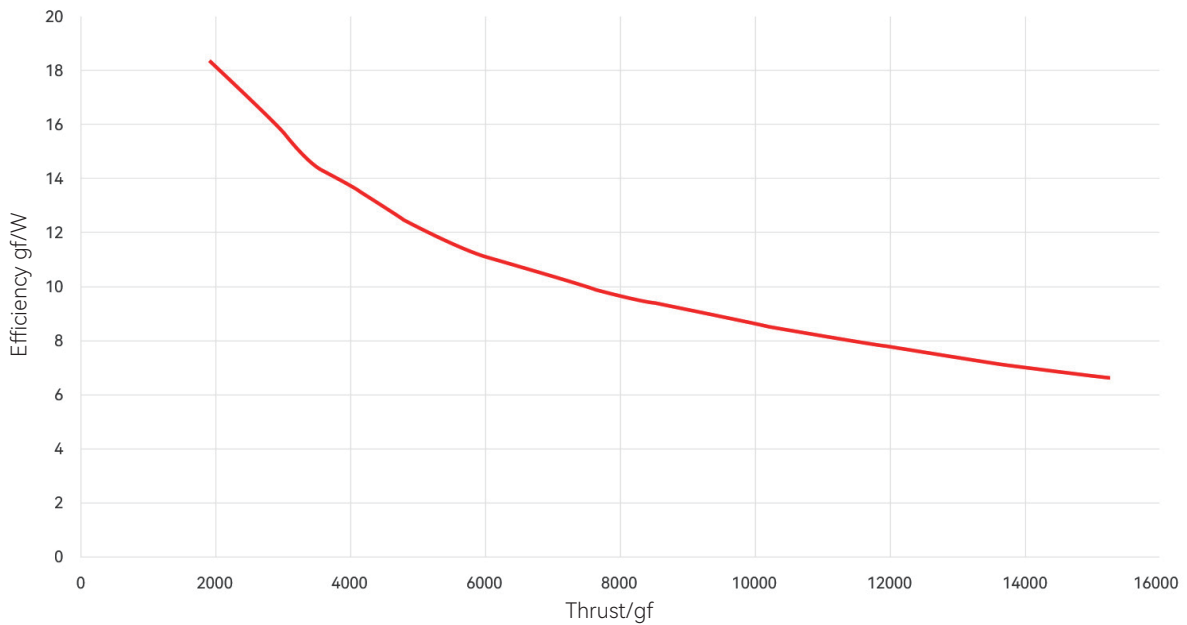


# I9 KV68

Test Data							
Type	Voltage (V)	Throttle	Current (A)	Thrust (gf)	Motor efficiency (%)	Overall efficiency (gf/W)	Operating Temperature (°C)
I9 KV68 + 14S FOC 50A + I36	56.03	30%	1.87	1916	80.7	18.3	103 (Ambient temperature: 30)
	55.99	35%	2.99	2741	84.1	16.4	
	55.97	40%	4.24	3446	83.1	14.5	
	55.93	45%	5.46	4128	84.1	13.5	
	55.91	50%	6.88	4796	83.9	12.5	
	55.84	55%	9.16	5786	82.9	11.3	
	55.78	60%	11.58	6807	83.4	10.5	
	55.73	65%	14.26	7792	83.4	9.8	
	55.66	70%	17.12	8818	83.3	9.3	
	55.57	75%	20.29	9841	83.0	8.7	
	55.48	80%	23.78	10880	82.6	8.3	
	55.37	85%	27.53	11929	82.0	7.8	
	55.27	90%	31.62	12945	81.1	7.4	
	55.16	95%	35.98	13966	80.3	7.0	
	54.99	100%	41.72	15251	79.2	6.7	

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



I9 Power System CW\*2  
 I9 Power System CCW\*2  
 (Excl. Carbon Tube)