

MOTOR TECHNICAL DATA:

Item NO.	Volts(V)	Prop	Throttle(%)	Power(W)	Thrust (g)	PRM	Efficiency (g/W)	Operating temperature(°C)
D4250-600KV(EVO)	18.94	APC 12x6	40%	99.1	698	5546	7.0	48.0°C
	18.89		50%	134.1	755	6216	5.6	
	18.83		60%	171.0	998	6766	5.8	
	18.74		70%	212.1	1174	7281	5.5	
	18.61		80%	279.5	1426	7966	5.1	
	18.46		90%	386.6	1817	8713	4.7	
	18.32		100%	480.2	2068	9373	4.3	
	19.03	APC 14x7	40%	113.2	844	4735	7.5	56.2°C
	18.97		50%	160.9	1091	5365	6.8	
	18.88		60%	226.9	1355	6001	6.0	
	18.74		70%	335.4	1871	6763	5.6	
	18.51		80%	449.2	2287	7417	5.1	
	18.30		90%	597.1	2736	8059	4.6	
	18.15		100%	755.2	3174	8573	4.2	
	22.99	APC 12x6	40%	155.6	909	6436	5.8	52.7°C
	22.93		50%	213.5	1158	7186	5.4	
	22.85		60%	277.9	1395	7790	5.0	
	22.62		70%	361.0	1677	8461	4.6	
	22.48		80%	489.6	2071	9284	4.2	
	22.40		90%	670.7	2533	10172	3.8	
	22.20		100%	855.4	2920	10806	3.4	
	22.81	APC 14x7	40%	174.7	1139	5426	6.5	64.3°C
	22.73		50%	253.2	1388	6153	5.5	
	22.58		60%	378.9	1960	6966	5.2	
	22.39		70%	552.6	2548	7775	4.6	
	22.22		80%	748.6	3099	8495	4.1	
	21.92		90%	996.7	3668	9139	3.7	
	21.65		100%	1252.0	4161	9623	3.3	
D4250-800KV(EVO)	18.91	APC 12x6	40%	212.2	1141	6939	5.4	57.6°C
	18.82		50%	296.6	1436	7757	4.8	
	18.72		60%	395.6	1762	8456	4.5	
	18.57		70%	527.2	2123	9221	4.0	
	18.28		80%	702.9	2567	10028	3.7	
	17.87		90%	866.7	2904	10769	3.4	
	17.34		100%	976.4	3215	11834	3.3	
	22.68	APC 12x6	40%	262.0	1368	6036	5.2	59.1°C
	22.29		50%	406.8	1955	6930	4.8	
	22.05		60%	645.6	2661	7918	4.1	
	21.92		70%	986.6	3442	8830	3.5	
	20.90		80%	880.0	3811	9314	4.3	
	19.90		90%	940.6	3664	9099	3.9	
	19.69		100%	1196.0	3716	9266	3.1	

Notes: The test condition of temperature is motor surface temperature in 100% throttle while the motor run 15 s. environment temperature 26°C