

Ideal motor & battery combinations

Payload

		0-500 g	500-1000 g	1-2 kg	+2 kg
Spy	S	1 A-B	2 C-D / 3 C-D		
	m	1 A-B / 2 C	2 C-D / 3 B-D	4 D-E	
	L	3 B-D	4 C-D	4 D-E	4 D-E / 5 F
Spyder 4	S	2 C / 3 B-D	3 B-D		
	m	2 C / 3 B-D	3 B-D / 4 D	4 D-E / 5 F	5 F
	L	3 B-D	4 D-E	4 D-E / 5 F	5 F
Spyder 8	S	1 B / 2 D / 3 B-D	2 D / 3 B-D		
	m	1 B / 2 D-E / 3 B-D	2 D / 3 B-D / 4 E	4 E / 5 F	4 E / 5 F
	L	2 D-E / 3 B-D	2 D-E / 3 B-D / 4 E	4 E / 5 F	4 E / 5 F

Motor type

	Size	Weight	KV	LiPo	Propeller Diameter (inch)	ESC Max. 29 mm wide
1	28 mm	55-70 g	950-1100	3 S - 4 S	8-10	10-18 A
2	28 mm	55-70 g	700-850	4 S	10-12	10-18 A
3	36-38 mm	90-130 g	850-950	3 S - 4 S	9-12	25-30 A
4	36-38 mm	90-130 g	650-750	4 S	12-14	30-45 A
5	36-38 mm	90-130 g	350-450	6 S	13-15	30 A

LiPo battery

	Cells	Volts	Capacity	Discharge rate
A	3 S	11,1 V	2200-4000 mAh	25 C min.
B	3 S	11,1 V	4000-6000 mAh	25 C min.
C	4 S	14,8 V	2200-4000 mAh	25 C min.
D	4 S	14,8 V	4000-6000 mAh	25 C min.
E	4 S	14,8 V	+6000 mAh	25 C min.
F	6 S	22,2 V	+4000 mAh	25 C min.