

Helicopter	Motor	Recommended ESC(s)	Recommended LIPO CELLS	Recommended MOTOR PINION	Flying style
250 Class Helicopters					
Align 250	Align BL250	Talon 25 or Talon 35	3	15t	3D
Gauji 200	Gauji GM-811-4800	Talon 25 or Talon 35	2 or 3	9t - 15t	Sport, 3D, Extreme 3D
450 Class Helicopters					
Align 450	Align BL 430SP	Talon 35 or Phoenix Edge Lite 50	3	13t	3D
	Castle Vertigo 2615-3460	Talon 35 or Phoenix Edge Lite 50	3	13t or 14t	3D or Extreme 3D
	Scorpion HK 2221-8	Talon 35 or Phoenix Edge Lite 50	3	13t or 14t	3D or Extreme 3D
	Hacker A20-6XL-3500	Talon 35 or Phoenix Edge Lite 50	3	13t or 14t	3D or Extreme 3D
Goblin 380KSE	Scorpion 3020-1000	Phoenix Edge Lite 100**	6	23t	3D or Extreme 3D
Rave 450	Next D (Scorpion) 2221-6	Talon 35 or Phoenix Edge Lite 50	3	11t	3D
	Scorpion 2221-10	Talon 35 or Phoenix Edge Lite 50	4	13t	Extreme 3D
MA Furion 450	Scorpion 2221-8	Phoenix Edge Lite 50	3	11t - 13t	Sport to Extreme 3D
	Neu 1107H/1.5Y	Phoenix Edge Lite 50	3	11t	Extreme 3D
Blade 400	E-Flite 420H	Phoenix Edge Lite 50	3	10t	Sport or 3D
Outrage G5	Outrage EPT XL	Phoenix Edge Lite 50	6	11t - 13t	Sport to Extreme 3D
	Scorpion 2221-8	Phoenix Edge Lite 50	3	11t - 13t	Sport to Extreme 3D
	Hacker A20-6XL-3500	Phoenix Edge Lite 50	3	11t - 13t	Sport to Extreme 3D
500 Class Helicopters					
Trex 500	Align BL 500L	Phoenix Edge 75** or Phoenix Edge 100**	5 or 6	14t (5s); 12t, 13t (6s)	Sport or 3D
	Castle Vertigo 3525-1420	Talon 90/Phoenix Edge 100**	5 or 6	15t, 16t (5s); 13t, 14t (6s)	Sport, 3D, Extreme 3D
	Scorpion HK 3026-1600	Phoenix Edge 75** or Phoenix Edge 100**	5 or 6	14t, 15t (5s); 13t, 14t (6s)	Sport or 3D
	Scorpion HK 3026-1900	Phoenix Edge 100**	5 or 6	14t (5s); 13t, 14t (6s)	3D or Extreme 3D
	Hacker A40-10s	Phoenix Edge 75** or Phoenix Edge 100**	5 or 6	15t, 16t (5s); 13t, 14t (6s)	Sport, 3D, Extreme 3D
	Neu 1708H/1YKDE-1430	Phoenix Edge 100**	6	15t or 16t	3D or Extreme 3D
Goblin 500 Sport	Scorpion HK4020-1350	Phoenix Edge Lite 100**, Talon 90	6	18t	3D or Extreme 3D
HDX HC500	Outrage EPT 1320	Phoenix Edge 75** or Phoenix Edge 100**	6	13t - 16t	Sport or 3D
	Neu 1708H/1Y 1275	Phoenix Edge 75** or Phoenix Edge 100**	6	13t - 16t	Sport to Extreme 3D
	Hacker A40-10s-1320	Phoenix Edge 75** or Phoenix Edge 100**	6	13t - 16t	Sport to Extreme 3D
Compass Atom	C 5016-1080	Phoenix Edge 75** or Phoenix Edge 100**	6	8t - 10t	Sport to Extreme 3D
	Hacker A40-16s-1000	Phoenix Edge 75** or Phoenix Edge 100**	6	9t - 11t	Sport to Extreme 3D
MSH Protos	MSH-800	Phoenix Edge 75** or Phoenix Edge 100**	5 or 6	15t - 20t	Sport to Extreme 3D
	Neu 1708H/1.5Y 850	Phoenix Edge 75** or Phoenix Edge 100**	5 or 6	15t - 19t	3D or Extreme 3D
	Scorpion 3026-880	Phoenix Edge 75** or Phoenix Edge 100**	6	14t - 16t	Sport, 3D, Extreme 3D
JR Vibe 500	E-Flite Power 25-1000	Phoenix Edge 75** or Phoenix Edge 100**	6	12t or 13t	Sport or 3D
	Hacker A40-16s-1000	Phoenix Edge 75** or Phoenix Edge 100**	6	12t or 13t	Sport or 3D
Mikado 400	Scorpion 3026-1400	Phoenix Edge 75** or Phoenix Edge 100**	5 or 6	20t - 22t	Sport to Extreme 3D
	Castle Vertigo 3424-1800	Phoenix Edge 100**	6	15t - 17t	Sport to Extreme 3D
	Scorpion 3026-1600	Phoenix Edge 75** or Phoenix Edge 100**	5 or 6	17t - 19t	Sport to Extreme 3D
	Hacker A40-10s-1600	Phoenix Edge 75** or Phoenix Edge 100**	6	17t - 19t	Sport to Extreme 3D
	Neu 1708H/1YKDE-1430	Phoenix Edge 100**	6	20t - 22t	Sport to Extreme 3D
550 Class Helicopters					
Trex 550	Align 600MX	Talon 90	6	11t	3D
	Castle Vertigo 3530-1175	Talon 90/Phoenix Edge 100**/Phoenix Edge 130**	6	11t-12t	3D or Extreme 3D
Align 550X Dominator	BL 730MX	Talon 90 or Talon HV 120	6	16t	
Goblin 570 KSE	Scorpion HK 4025-1100	Talon HV 120, Edge HV120	6	23t	3D or Extreme 3D
Logo 500	Xnova 4025-1100	Phoenix Edge 100** or Talon 90	6	18t or 19t	3D or Extreme 3D
Outrage 550	Neu 1907H/1Y	Phoenix Edge 100**	6	11t or 12t	3D or Extreme 3D
	Neu 1907H/1.5Y	Phoenix Edge 100**	8	13t or 14t	3D or Extreme 3D
Mikado 500	Scorpion 4025-890	Phoenix Edge 100**	8	14t - 17t	Sport to Extreme 3D
	Scorpion 4025-1100	Phoenix Edge 100**	6	16t - 18t	Sport to Extreme 3D
	Neu 1907H/1.5Y	Phoenix Edge 100**	6	14t - 17t	Sport to Extreme 3D
	Hacker A40-10L-ET 1100	Phoenix Edge 100**	6	15t - 17t	Sport to Extreme 3D
Synergy E5	Castle Vertigo 3530-1175	Phoenix Edge 130**, Phoenix Edge HV 120, Talon HV 120	6	12t-13t	Sport to Extreme 3D
	Scorpion 4025-1100	Phoenix Edge 130**, Phoenix Edge HV 120, Talon HV 120	6	12t-13t	Sport to Extreme 3D
Synergy E5s	Scorpion HK4525-520	Phoenix Edge HV 120, Talon HV 120	12	13t	Extreme 3D
600 Class Helicopters					
Mikado 600	Scorpion 4035-560	Phoenix Edge HV 80 or Phoenix Edge HV 120	10 or 12	10t - 15t	Sport to Extreme 3D
	Scorpion 4035-630	Phoenix Edge HV 80 or Phoenix Edge HV 120	10 or 12	10t - 15t	Sport to Extreme 3D
	Hacker A50-12L ET	Phoenix Edge HV 80 or Phoenix Edge HV 120	8 or 10	16t or 17t	Sport to Extreme 3D
Logo 600SE	Scorpion HKIII 4035-450	Talon HV 120, Phoenix Edge HV 120	12	12	3D or Extreme 3D
Trex 600	Align BL650L	Phoenix Edge 100**	6	14t - 17t	3D
	Castle Vertigo 3538-530	Phoenix Edge HV 120	12	13t	Sport to Extreme 3D
	Scorpion 4025-890	Phoenix Edge 100**	8	15t	Extreme 3D
	Neu 1515H/2.5D-1650	Phoenix Edge 100**	6	12t or 13t	3D or Extreme 3D
	Neu 1907H/1Y-1400	Phoenix Edge 100**	6	13t or 14t	3D
	Neu 1912H/1Y-825	Phoenix Edge HV 80	10	13t - 15t	3D or Extreme 3D
	Neu 1910H/1Y-1050	Phoenix Edge HV 80 or Phoenix Edge 100**	8	13t - 15t	3D or Extreme 3D
Trex 600 EFL	Castle Vertigo 3538-530	Phoenix Edge 120	12	13t	3D or Extreme 3D
	Align 600 MX 12s 10 pole	Phoenix Edge HV 80-120	12	13t	3D or Extreme 3D
700 Size Helicopters					
Align 700X	Scorpion HK 4525-520	Phoenix Edge HV 120, Talon HV 120 or Phoenix Edge HV 160	12	13t	3D or Extreme 3D
Trex 700E	Align 700M-510	Phoenix Edge HV 120	12	12t	3D
	Castle Vertigo 4540-490	Phoenix Edge HV 120, Talon HV 120 or Phoenix Edge HV 160	12	12t or 13t	3D or Extreme 3D
	Neu 1917H/1YKDE-520	Phoenix Edge HV 120*, Talon HV 120* or Phoenix Edge HV 160	12	12t or 13t	3D or Extreme 3D
Trex 700 Conversions	Neu 1915H/1.5Y-450	Phoenix Edge HV 120	12	18t - 20t	3D
	KDE 700 XF/ 495	Phoenix Edge HV 120*, Talon HV 120* or Phoenix Edge HV 160	12	12t - 13t	3D or Extreme 3D
	Castle Vertigo 4540-490	Phoenix Edge HV 120*, Talon HV 120* or Phoenix Edge HV 160	12	12t - 13t	3D or Extreme 3D
	Scorpion HK 4035-530	Phoenix Edge HV 120 or Phoenix Edge HV 160	12	12t or 13t	3D or Extreme 3D
	Hacker A50-14L ET	Phoenix Edge HV 120 or Phoenix Edge HV 160	12	15t	3D
Avant Aurora 700E	Neu 1915H/1.5Y-450	Phoenix Edge HV 120 or Phoenix Edge HV 160	12	11t or 12t	3D or Extreme 3D
	Neu 1917H/1YKDE-520	Phoenix Edge HV 120 or Phoenix Edge HV 160	12	10t - 12t	3D or Extreme 3D
	Scorpion 4035-500	Phoenix Edge HV 120 or Phoenix Edge HV 160	12	10t - 12t	3D or Extreme 3D
Bergin Tazer	Neu 1915H/1.5Y-450	Phoenix Edge HV 120 or Phoenix Edge HV 160	10 or 12	Two-stage	Sport or 3D
	Scorpion 4035-560	Phoenix Edge HV 120 or Phoenix Edge HV 160	10 or 12	Two-stage	Sport or 3D
Logo 700	Scorpion HK4525-520	Phoenix Edge HV 120*, Talon HV 120* or Phoenix Edge HV 160	12	13	3D or Extreme 3D
	Next D (Scorpion) 4035-560	Phoenix Edge HV 120*, Talon HV 120* or Phoenix Edge HV 160	12	15t - 17t	Sport, 3D, Extreme 3D
Rave 90 ENV/ Ballistic	Castle Vertigo 4540-490	Phoenix Edge HV 120*, Talon HV 120* or Phoenix Edge HV 160		16t - 19t	Sport to Extreme 3D
	Neu 1915/1.5Y-450	Phoenix Edge HV 120*, Talon HV 120* or Phoenix Edge HV 160	12	19t - 21t	Sport, 3D, Extreme 3D
	Neu 1917H/1YKDE-520	Phoenix Edge HV 120*, Talon HV 120* or Phoenix Edge HV 160	12	17t - 19t	3D or Extreme 3D
Synergy E7 SE	Castle Vertigo 4540-490	Phoenix Edge HV 120*, Talon HV 120* or Phoenix Edge HV 160	12	12t - 13t	3D or Extreme 3D
	Scorpion HK 4525-520	Phoenix Edge HV 120*, Talon HV 120*, Phoenix Edge HV 160 or Phoenix Edge HVF 160	12	12t or 13t	3D or Extreme 3D
	KDE 700 XF/ 495	Phoenix Edge HV 120*, Talon HV 120*, Phoenix Edge HV 160 or Phoenix Edge HVF 160	12	12t - 13t	3D or Extreme 3D
Synergy 766	Scorpion HK 4530-540kv	Phoenix Edge HV 160 or Phoenix Edge HVF 160	12	12t	3D or Extreme 3D
	Scorpion HK 4525-520kv	Phoenix Edge HV 160 or Phoenix Edge HVF 160	12	12t	3D or Extreme 3D

Note: Phoenix Edge HV ESCs do not have an on-board BEC; use of an external BEC or receiver battery pack is required.

*Denotes ESC for 3D use; for Extreme 3D choose alternative option.

**On-board BEC is undersized; use of an external BEC or receiver battery pack is highly recommended.