



HANG-IT R/C BRUSHLESS MOTOR SPECS



Model	Watts (NOT MAX)	Cells Ni-mH	Cells Li-Po	RPm/V	Max Efficiency Current	No Load Current @ 10V	Current Capacity	Max Efficiency	Shaft Diameter (mm)	Weight w/Cables	Internal Resistance	Dimensions (mm)	Recommended ESC	Recommended Model Weight	Recommended Prop
X22 Series Brushless Outrunners															
X2204/14	46w	6-10	2-3	1400KV	2-6A (>74%)	0.3A	9A/60s	75%	3mm (integrated)	19g/0.7oz.	550mΩ	27.6 x 11.5	10A	220g and under (Up to 8oz)	2s: 8x4 2s: 9x4 3s: 7x3.5
X2208/08	130w	6-8	2-3	2600KV	8-15A (>74%)	1.3A	20A/60s	78%	3.17mm	36g/1.27oz	62mΩ	27.5 x 20.2	20A	200 - 500g (7 - 18 oz)	2s: 7 x 5 3s: 5 x 5
X2208/17	70w	8-10	2-3	1100KV	4-7A (>74%)	0.4A	8A/60s	80%	3.17mm	36g/1.27oz	225mΩ	27.5 x 26	20A	200 - 500g (7 - 18 oz)	2s: 10x5 3s: 9x5
X2212/06	200w	5-7	2-3	2200KV	14-22A (>72%)	1.4A	28A/60s	75%	3.17mm	47g/1.66oz	45mΩ	27.5 x 30	30A	300 - 1000g (10 - 35 oz)	2s: 7x5 3s: 5x5 or 6x4
X2212/15	80w	6-10	2-3	930KV	4-10A (>75%)	0.4A	18A/60s	80%	3.17mm	47g/1.66oz	105mΩ	27.5 x 30	20A	300 - 800g (10 - 28.2 oz)	2s: 12x4.7 3s: 12x3.8
XK2217/08	220w	6-10	2-3	1100KV	5-16A (>70%)	1.0A	18A/60s	81%	4mm	70g/2.5oz	150mΩ	27.5 x 30	30A or 40A	300 - 800g (10 - 28.2 oz)	2s: 11x4.7 3s: 10x6
X28 Series Brushless Outrunners															
X2814/06	350w	7-10	2-3	1410KV	18-30A (>75%)	2.1A	40A/60s	80%	4mm	100g/3.53oz	50mΩ	35 x 36	40A or 50A	1000 - 1900g (35 - 67 oz)	2s: 10x7 3s: 9x6
X2820/06	560w	8-14	3-5	1000KV	15-25A (>75%)	2.0A	37A/60s	82%	4mm	145g/5.11oz	59mΩ	35 x 45	50A	1000 - 2500g (35 - 88 oz)	3s: 11x6 4s: 10x5
X2826/04	600w	8-14	3-5	1100KV	25-37A (>73%)	2.9A	55A/60s	80%	5mm	185g/6.1oz	28mΩ	35x50	60A	1500 - 3000g (3.3 - 6.6 lb)	3s: 14x6 4s: 13x6
X35 Series Brushless Outrunners															
X3520/06	700w	8-20	3-7	800KV	18-40A (>75%)	2.1A	50A/60s	82%	5mm	200g/7.05oz	50mΩ	42 x 47	50A or 60A	1500 - 2800g (53 - 99 oz)	3s: 13x4 4s: 12x6
X41 Series Brushless Outrunners															
X4120/06	900w	9-12	4-6	640KV	25-50A (>84%)	3.2A	70A/60s	90%	6mm	280g/9.9oz	15mΩ	50 x 45	70A	2000 - 3500g (70 - 124 oz)	4s: 13x11 5s: 14x8 6s: 12x8
X4130/06	1200w	12-18	4-6	510KV	25-50A (>84%)	2.4A	70A/60s	86%	6mm	400g/14.11oz	51mΩ	50 x 65	100A-LV	3000 - 6000g (105 - 211 oz)	4s: 16x10 5s: 14x10
X53 Series Brushless Outrunners															
X5330/09	2300w	30	10	260KV	35-55A (>84%)	1.2A	80A/60s	88%	8mm	596g/21.02oz	52mΩ	63 x 66	100A-10S	Up 10 kg (22 lb)	10s: 20x12
X70 Series Brushless Outrunners															
X7035/08	4800w	30-40	10-12	190KV	70-120A (>86%)	2.2A	150A/60s	90%	10mm	1225g/43.21oz	13mΩ	80 x 77	150A	20 kg (44 lb)	10s:12x24 12s:12x10
Helicopter Specific Brushless Motors															
XH2212/5.5	500w	6-10	2-3	3500KV	8-25A (>75%)	2.8A	45A/60s	80%	3.17mm	48.5g/1.7oz	45mΩ	27.5 x 23	XTRM Heli 30A	400 to 450 size	N/A
XH2212/06	444w	6-10	2-3	3200KV	16-18A (>75%)	2.5A	40A/60s	80%	3.17mm	48.5g/1.7oz	45mΩ	27.5 x 23	XTRM Heli 30A	400 to 450 size	N/A
XH2217/04	600w	6-10	2-3	3500KV	10-27A (>75%)	1.0A	55A/60s	79%	4mm	70g/2.5oz	50mΩ	27.5 x 30	XTRM Heli 50A	400 to 500 size	N/A