

EMAX BL2215 Outrunner Brushless Motors



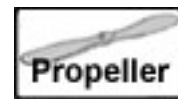
It is the very high power delivered by these small and very robust, but light weight (60g) brushless motors with rotating case suitable for all models of 300-400 size . As a result of using the latest ferromagnetic materials the EMAX 2215/xx motors offer extremely high efficiency and high load capability for their weight. EMAX with the high quality of manufacturing, reliability and performance are the best outrunners available in the market.

Specification	
No. Of cells	2-3x Li-Poly
RPM/V	950/1200
Max. efficiency	82%
Max. efficiency current	14 - 24.5A (>75%)
No load current / 10 V	0,5 A
Current capacity	2215/25 16.5 A/60s
	2215/20 24.5 A/60s
Internal Resistance	275 mohm
Stator dimensions	22x15 mm
External dimensions	28.5x32.4 mm
Shaft diameter	3 mm
Weight	59 g/2.08oz.
Recomended model w eight	2215/25 500-800g
	2215/20 600-1000g
Recomended prop w ithout gearbox	9*4.7 10*4.7 10*5



BL2215/25 KV=950 Sample data sheet

Model	Voltage	Propeller	RPM	Max Current	Max Trust
BL2215/25	12.0V	10X5(Thin)	8180	14A	850g
BL2215/25	12.0V	11X7(Thin)	6280	18A	905g
BL2215/25	12.0V	1047GWS	7200	16.5A	930g
BL2215/25	12.0V	10X4.7(SLOW)	7250	16.5A	950g
BL2215/25	12.0V	1060GWS	7800	15A	850g
BL2215/25	12.0V	9X4.7(SLOW)	8750	12A	810g



800g./28oz.

3S 1800mAh

EMAX 18A

9X4.7(SLOW)



500g./18oz.

3S 1800mAh

EMAX 18A

10X4.7(Slow)



600g./14oz.

3S 1800mAh

EMAX 18A

10X5(Thin)

BL2215/20 KV=1200 Sample data sheet

Model	Voltage	Propeller	RPM	Max Current	Max Thrust
BL2215/20	12.0V	10X4.7(Slow)	7400	20.2A	1125g
BL2215/20	12.0V	9X4.7(Slow)	9900	17.5A	1020g
BL2215/20	10.9V	10X5(Thin)	9350	24.5A	1200g
BL2215/20	10.9V	8X3.8(Slow)	11050	16.5A	960g



1000g./35.2oz.

3S 1800mAH

EMAX 25A

10X5(Thin)



600g./21 oz.

3S 1800mAH

EMAX 25A

10X4.7(Slow)



800g./28oz.

3S 1800mAH

EMAX 25A

10X5 (Thin)