

Commander Series Brushless Speed Controllers



70 Amp



90 Amp



110 Amp



35 Amp



45 Amp



55 Amp



11 Amp



15 Amp



25 Amp



Every Scorpion Speed Controller comes packaged with a FREE Programing Card!

The Scorpion Commander Series Brushless Speed Controllers are designed to work with any brushless motor, and they are a perfect match for the Scorpion 22mm S-Series, 22mm HK-Series and 30mm S-Series Brushless motors. At Scorpion, we believe that every Speed Controller should have complete functionality right out of the box, so every one of our Commander Series Speed Controllers comes packaged with a Programming Card at no extra charge. The full-featured Programming Card allows the user to set the following parameters: Battery Type (Li-Po or Ni-XX), Cell Count (2-cell, 3-cell, 4-cell or Auto Detect), Low Voltage Cut-off (2.8, 2.9, 3.0 or 3.1 volts per cell for Li-Po, and 0.80, 0.85, 0.90 and 0.95 volts per cell for Ni-XX), Cut-off type (Hard or 50% power reduction), Current Overload Protection (On or Off), Brake Level (Off, Soft, Medium or Hard), Motor Acceleration Time (0.15, 0.30, 0.60 or 1.0 Seconds), PWM Frequency (8 KHz, 16 KHz, 32 KHz or Auto Detect), Timing Advance (5 Deg., 15 Deg., 25 Deg., 30 Deg. or Auto Detect), and Motor Rotation Direction (Normal or Reverse). The quality of the Scorpion Commander Series Speed Controllers is obvious from the moment you open the custom metal shipping box. The beautifully anodized aluminum heat sink has all of the important parameters included, and All Scorpion Speed Controllers are backed with a 2-Year Warranty against defects in Materials or Workmanship, so you can use them with confidence!

Current Rating	BEC Rating*	On Resistance	Weight Ounces	Weight Grams	Size Inches	Size Millimeters	Li-Po Battery	Ni-XX Battery
11 Amp	1 Amp	6.77 mΩ	0.33	9.5	1.06 x 0.67 x 0.35	27 x 17 x 9	2-3 Cells	6-10 Cells
15 Amp	2 Amps	7.11 mΩ	0.62	17.7	1.67 x 1.04 x 0.35	43 x 26 x 9	2-4 Cells	6-12 Cells
25 Amp	2 Amps	3.66 mΩ	0.72	20.3	1.89 x 1.04 x 0.35	48 x 26 x 9	2-4 Cells	6-12 Cells
35 Amp	3 Amps	2.56 mΩ	1.12	31.7	2.64 x 1.02 x 0.35	67 x 26 x 9	2-4 Cells	6-12 Cells
45 Amp	3 Amps	2.33 mΩ	1.46	41.5	2.95 x 1.18 x 0.35	75 x 30 x 9	2-4 Cells	6-12 Cells
55 Amp	3 Amps	1.56 mΩ	1.54	43.7	3.11 x 1.18 x 0.35	79 x 30 x 9	2-4 Cells	6-12 Cells
70 Amp	3 Amps	1.28 mΩ	1.66	47.0	2.72 x 1.18 x 0.47	69 x 30 x 12	2-4 Cells	6-12 Cells
90 Amp	3 Amps	1.17 mΩ	1.77	50.2	2.99 x 1.18 x 0.47	76 x 30 x 12	2-4 Cells	6-12 Cells
110 Amp	3 Amps	0.78 mΩ	1.93	54.7	3.11 x 1.18 x 0.51	79 x 30 x 13	2-4 Cells	6-12 Cells

**Note: The BEC ratings shown are for 2-cell Li-Po Input. When run on 3-cell Li-Po reduce current rating by 50%. For operation on 4-cell Li-Po batteries, disable the on-board BEC and use an external switching type BEC regulator.*