



Switch 1-10

Switch 11-20

Scorpion Programming Card Switch Position Guide

Switch 1 Factory Default or User Settings Mode

	SW1
Factory Defaults	off
User Select Mode	on

Switch 2 Battery Type Selection (Default = Li-Po)

	SW2
Ni-CAD/Ni-MH	off
Li-Po	on

Switch 3-6 Cell Count Detection (Default = Auto)

	SW3	SW4	SW5	SW6
Auto Detect	off	off	off	off
2-Cell Li-Po	on	off	off	off
3-Cell Li-Po	off	on	off	off
4-Cell Li-Po	on	on	off	off

Switch 7 & 8 Battery Low-Voltage Cutoff (Default = 3.0/0.85)

Li-Po/Ni-XX	SW7	SW8
2.9v/0.80v	off	off
3.0v/0.85v	off	on
3.1v/0.90v	on	off
3.2v/0.95v	on	on

Switch 9 Power Cutoff Type (Default = 50% Reduction)

	SW9
Hard Cutoff	off
50% Power Reduction	on

Switch 10 Current Overload Protection (Default = Protection on)

	SW10
Protection On	off
Protection Off	on

Switch 11 & 12 Motor Braking Type (Default = Soft Brake)

	SW11	SW12
No Brake	off	off
Soft Brake	on	off
Medium Brake	off	on
Hard Brake	on	on

Switch 13 & 14 Motor Acceleration Time (Default = 0.3 Sec.)

	SW13	SW14
0.15 Second	off	off
0.30 Second	off	on
0.60 Second	on	off
1.00 Second	on	on

Switch 15 & 16 PWM Control Frequency (Default = Auto)

	SW15	SW16
Auto	off	off
8 KHz	on	off
16 KHz	off	on
32 KHz	on	on

Switch 17, 18 & 19 Timing Advance (Default = Auto)

	SW17	SW18	SW19
Auto	off	off	off
5 Degrees	on	off	off
15 Degrees	off	on	off
25 Degrees	on	on	off

Switch 20 Motor Rotation Direction (Default = Forward)

	SW20
Forward	off
Reverse	on