

Instruction of 35A Brushless ESC For RC CAR  
 Programming guide

Programing Items	Parameter Value								
	1	2	3	4	5	6	7	8	9
Basic Items									
Running Mode	Forward with brake	<b>Forward and back with brake</b>	Directly forward and back						
Drag Brake	0%	5%	<b>10%</b>	20%	40%	60%	80%	100%	
Low Voltage Cut-off	No protection	2.6V/Cell	2.8V/Cell	<b>3.0V/Cell</b>	3.2V/Cell	3.4V/Cell			
Start Mode /Punch	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	<b>Class 7</b>	Class 8	Class 9
Advanced Items									
Brack Force	25%	50%	75%	<b>100%</b>					
Reverse Force	25%	<b>50%</b>	75%	100%					
Initial Brake Force	<b>The same with drag brake</b>	0%	20%	40%					
Neutral Range	6%(Narrow)	<b>9%(Normal)</b>	12%(Wide)						
Timing	0.00 Degree	3.75 Degree	7.50 Degree	11.25 Degree	<b>15.00 Degree</b>	18.75 Degree	22.50 Degree	26.25 Degree	
Over-heat Protection	<b>Protect</b>	Non-protect							

Values highlighted are default.

Running Mode: “Forward with brake” mode allows car to go forward and brake, cannot back. “Forward and back with brake” mode allows car to go forward, back and reverse. Under the mode, when the car are going forward, if you give a continuous back signal, it brakes till stop but will not back, put the trigger to neutral then give a back signal, it backs. Reversed the same. “Directly forward and back” mode is suitable for clambering car, need to set “Drag Brake” to 100%, using drag brake to perform brake.

Drag Brake: When Throttle go from positive to neutral, the car performs a slightly brake.

Low voltage protection: When voltage of battery drop below certain value, the output power will cut half down in 2s, and ESC will stop completely in 10s. For Ni battery, Voltage between 9V-12V will be considered as 3S Lipo battery, below 9V as 2S Lipo battery.

Back to Default:

Press “set” more than 3s when throttle in neutral position, then all value are set to default. Both red and green light flashing means success.

Way to program ESC

