

TS 50A Electronic Speed Controller (SK300060)

Toro TS50 SENSORED ESC

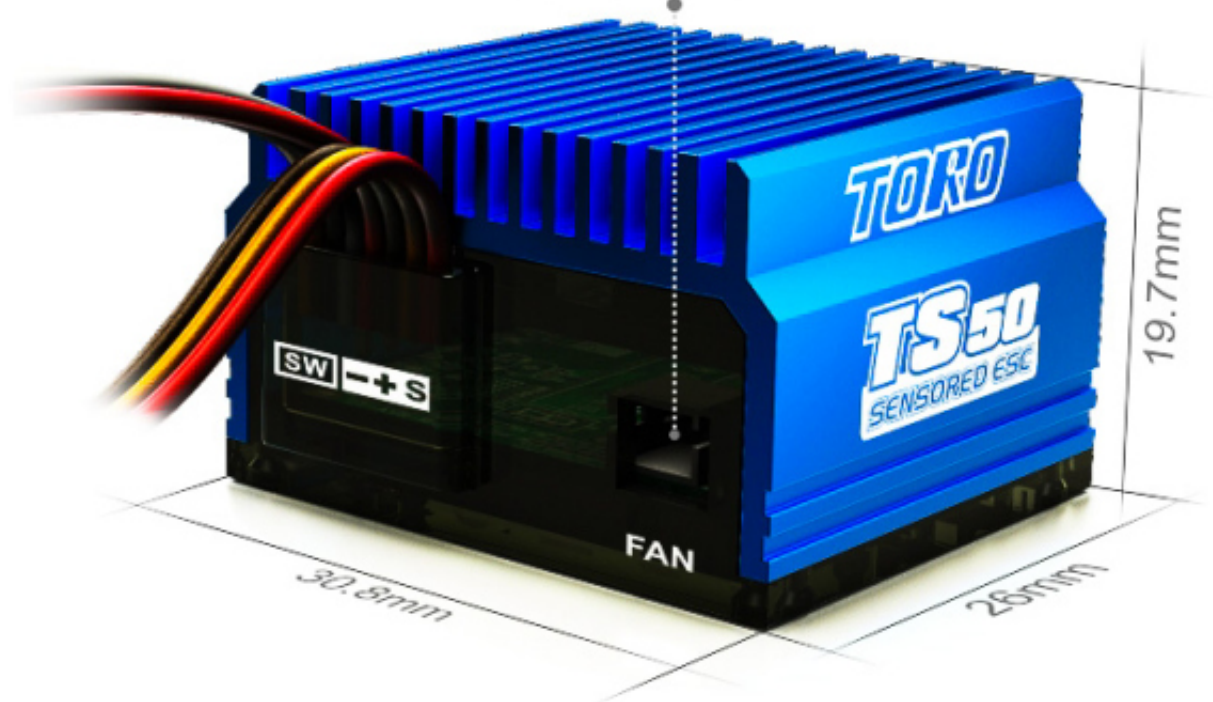
Toro TS50 ESC is a brushless sensed ESC with small size, light weight, and electronic power switch, which is designed for 1/10 Buggy and Touring car. It accepts 4-6S NimH or 2S LiPo battery, and its BEC is 6V/2A.

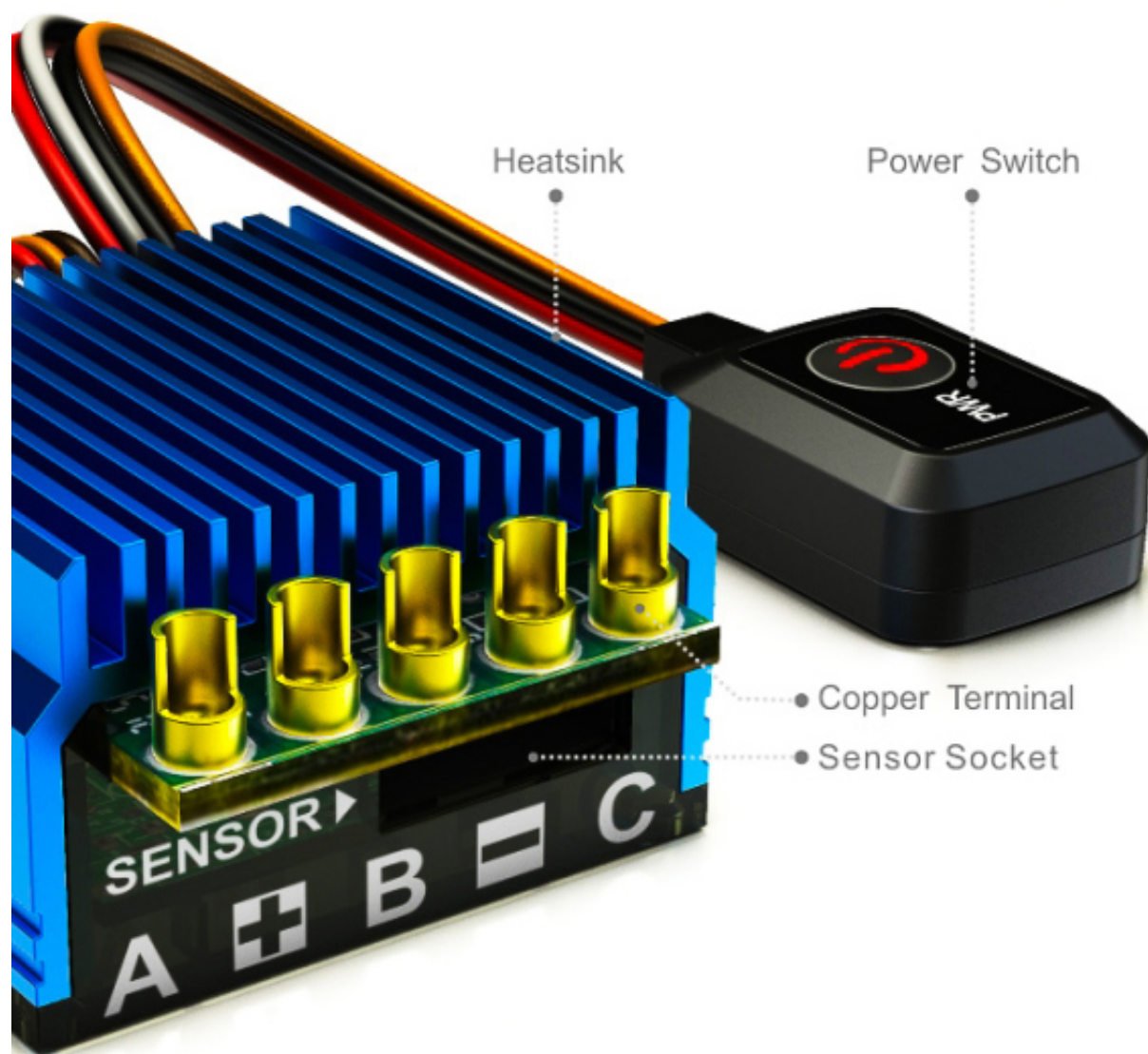
It comes with well-performed throttle and brake control function. Racers could set punch/brake control rate by point or customize the throttle/brake curve to meet the request for linear and power. It also supports firmware update and can be programmed by program box, and SkyLink via PC.



Compact Design

Fan Power Interface



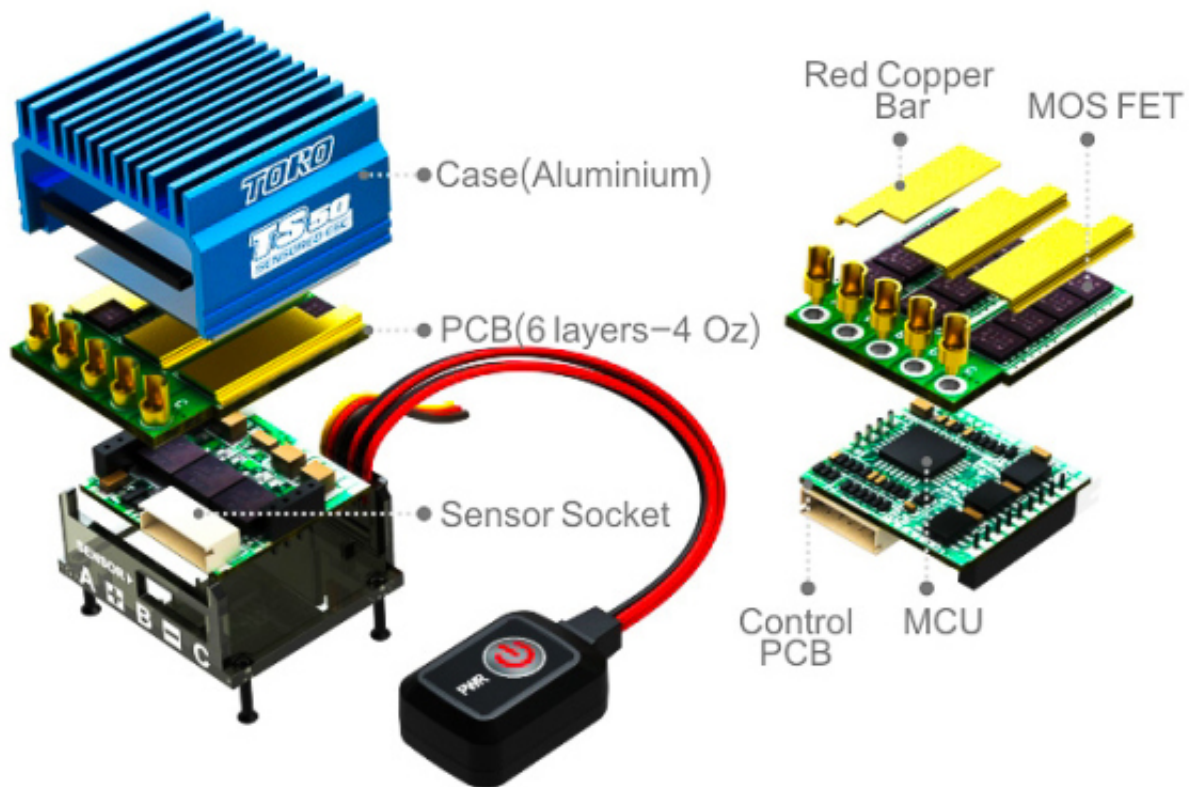


Electronic Power Switch



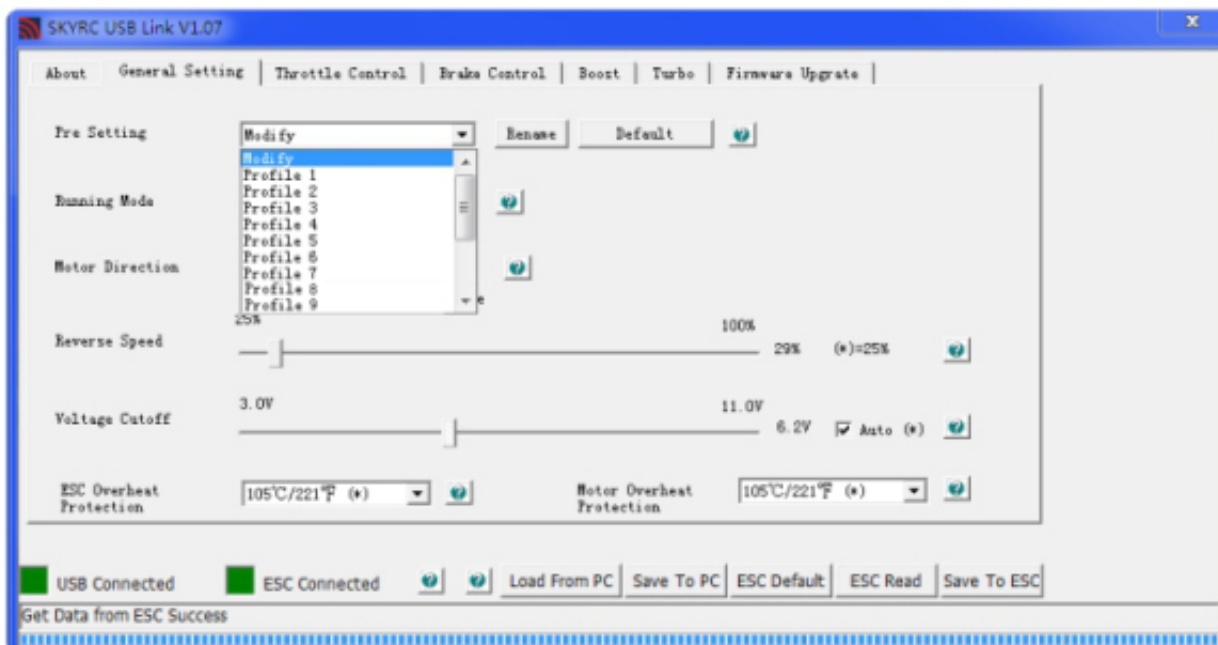
A simple push button operates the switch
meaning to eliminate the problems associated
with intermittent contact of an ordinary
mechanical switch.

Less Resistance, Less Heat, More Effective



10 User Modifiable Profiles

The users could set and store 10 sets of profiles in the ESC. These data could be called out at any time without any special program setting. All the setting can be exported or imported so that the user could compare and analyze.



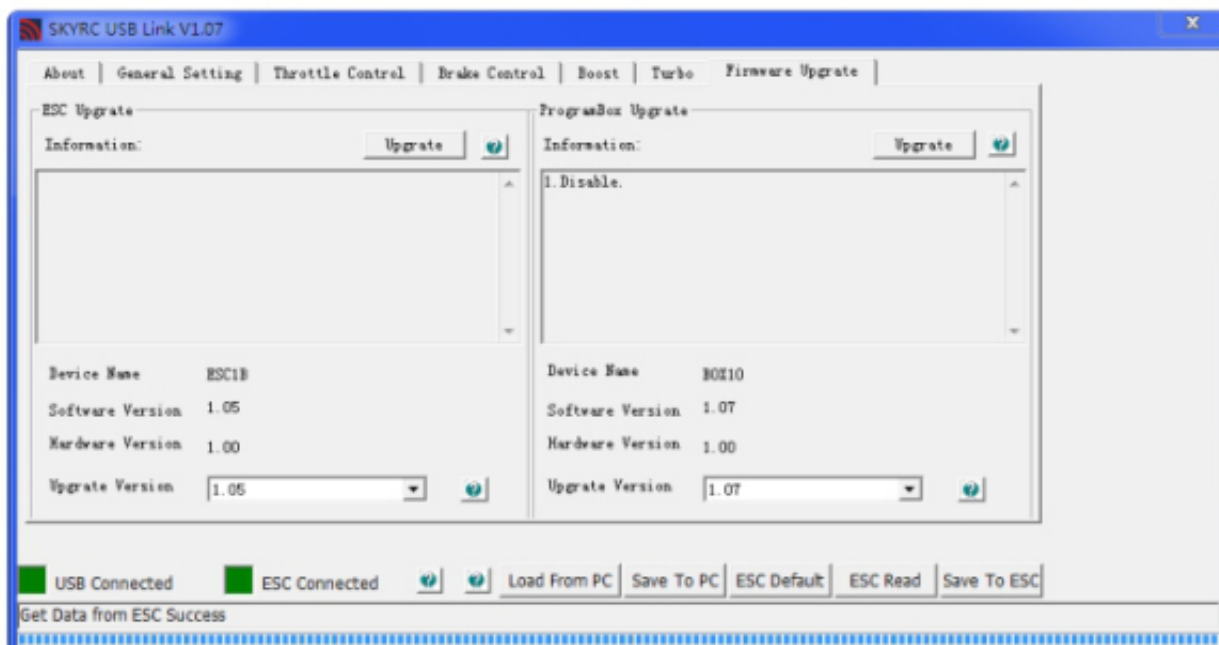
Safety Features



Low voltage protection
Motor and ESC overheat protection
Signal lost protection

Firmware Update

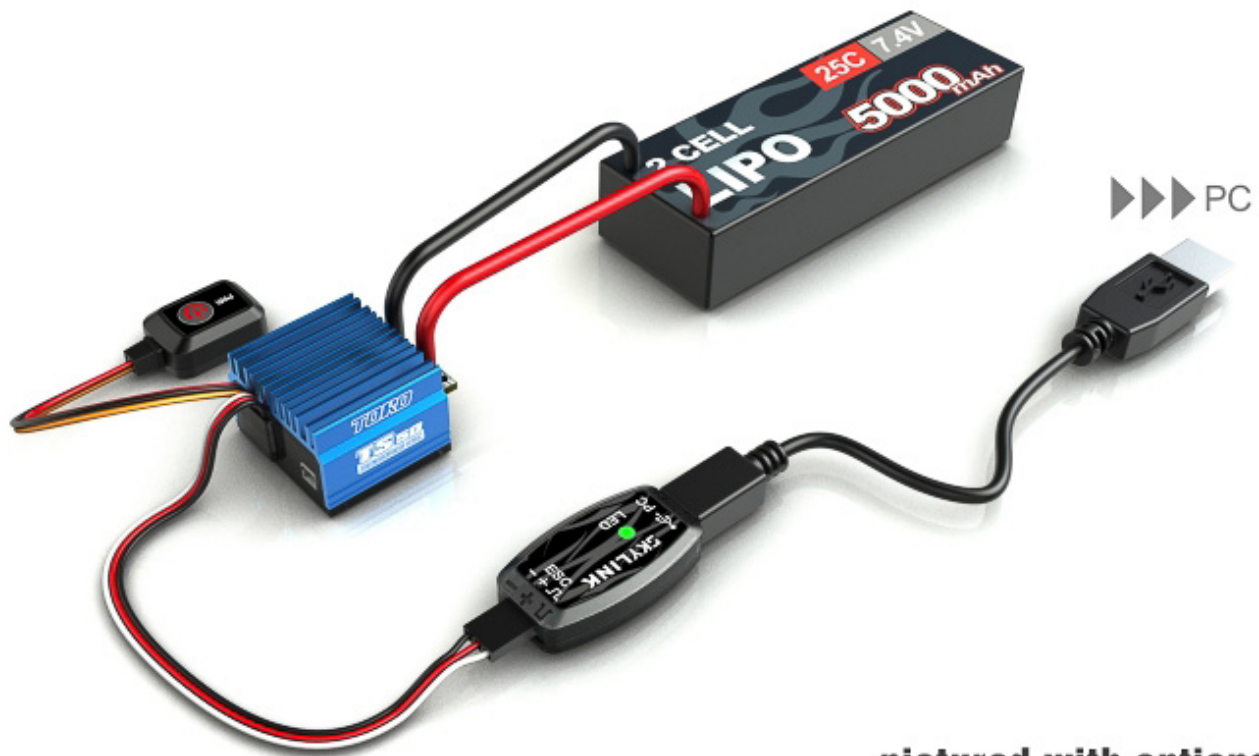
The firmware can be updated by connecting the ESC with PC.



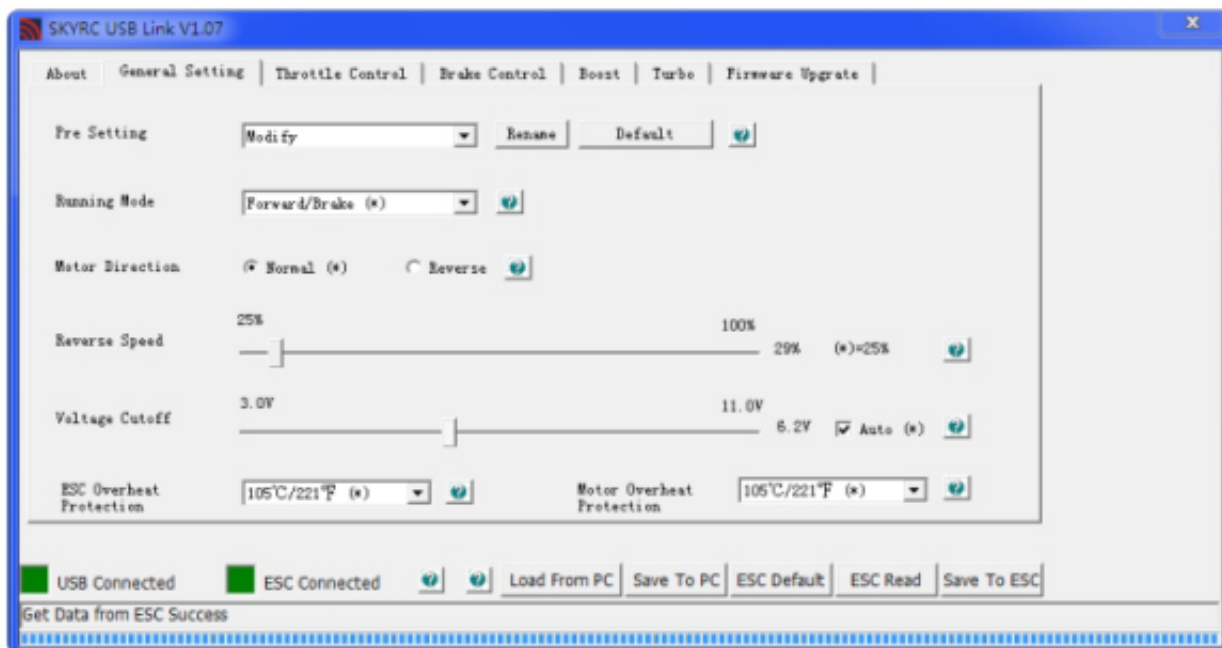
Programming Methods

The ESC can be programmed with:

1. PC connected with SKYLINK (SK600013)



pictured with options



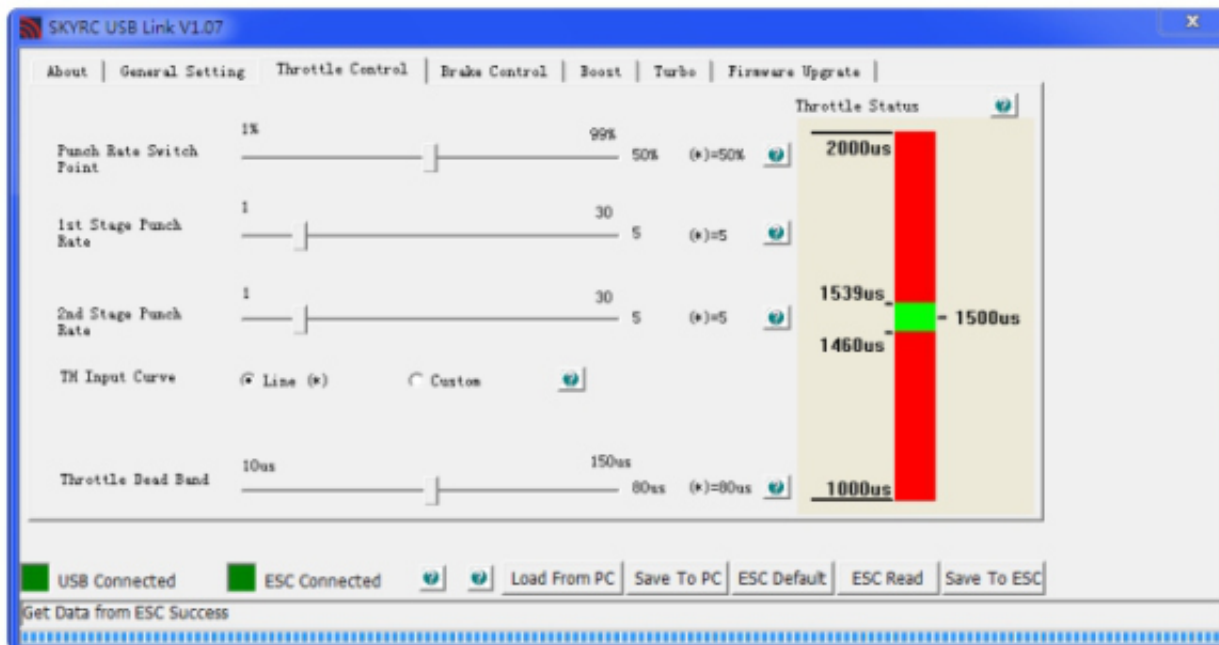
2. PROGBOX (SK600046)



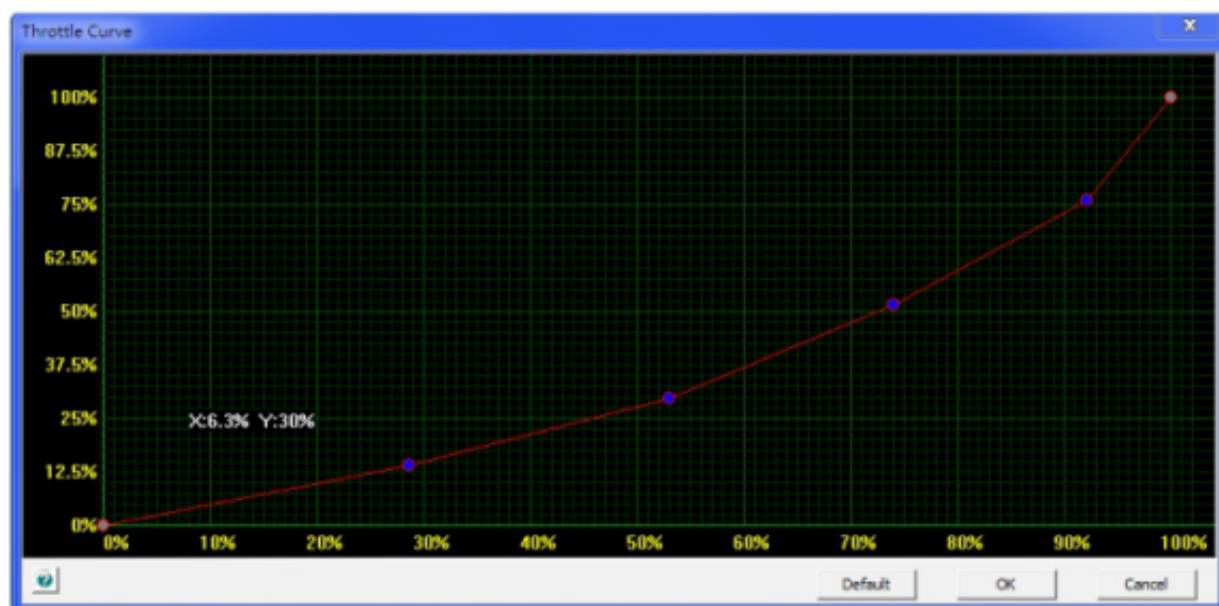
pictured with options

Well-performed Throttle and Brake Control Function:

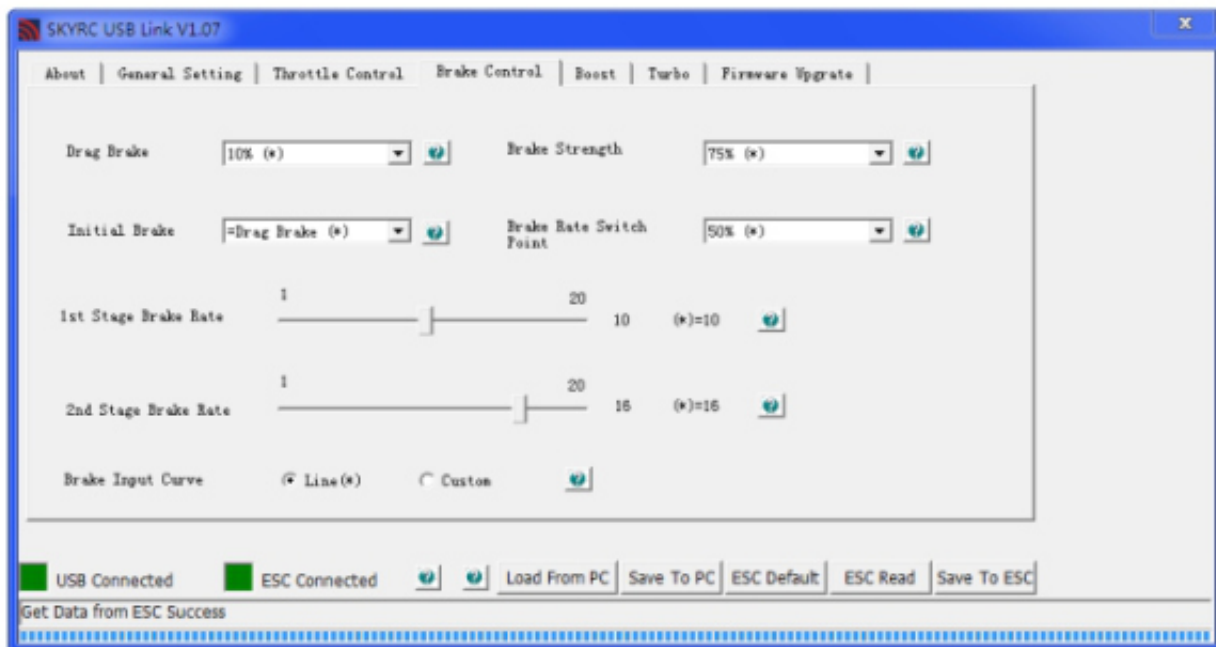
Users could set the punch/brake control rate by point or customize the throttle/brake curve by themselves, and different customers' request for linear and power all can be met.



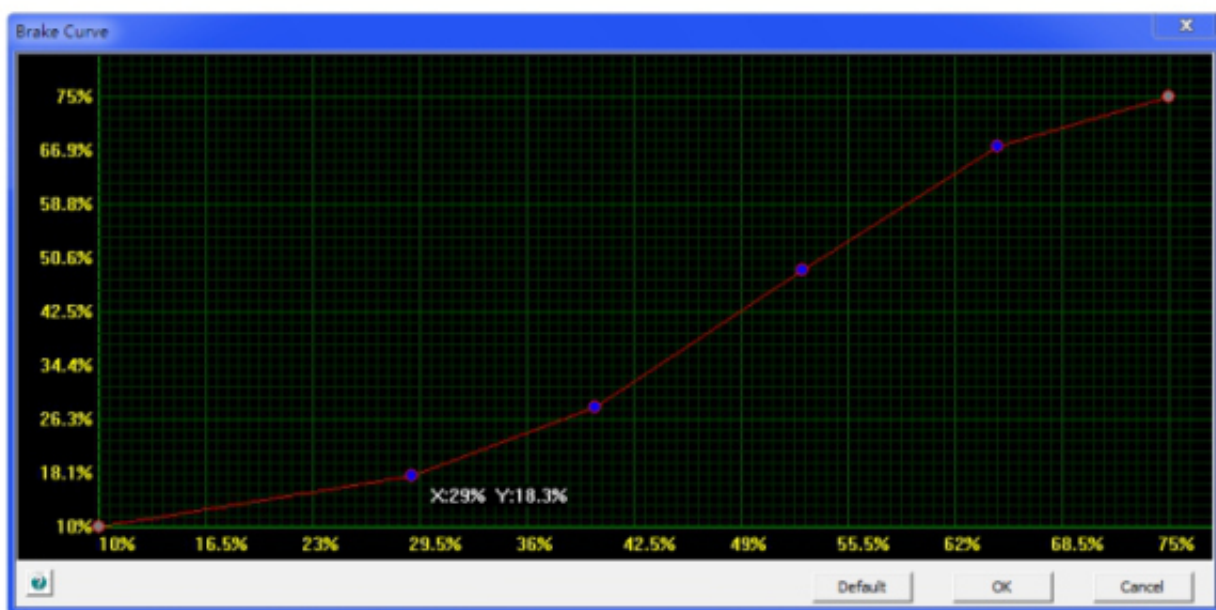
Throttle Control Setting



Throttle Curve Custom



Brake Control Setting



Brake Curve Custom

TECHNICAL DATA

Constant/Burst Current	50A / 300A
Motors	Sensor & Sensorless Brushless Motors
Cars	1/10 Buggy & Touring Car
Motor Limits	4-6S NiMH or 2S LiPo ≥8.5T (1/10 Touring Car) ≥11.5T (1/10 Buggy)
Resistance	0.0006 Ohm
Battery Cell Count	4-6S NiMH or 2S LiPo
BEC Output	6V @ 2A
Weight	60g
Dimensions (LxWxH)	30,8 x 26 x 19,7mm
FAN	Optional Part

DOWNLOADS

-  [SkyRC Toro TS50 \[SK300060\] Manual \(863.2 KiB\)](#)
-  [SkyRC UsbLink V1.07.zip \(1.1 MiB\)](#)