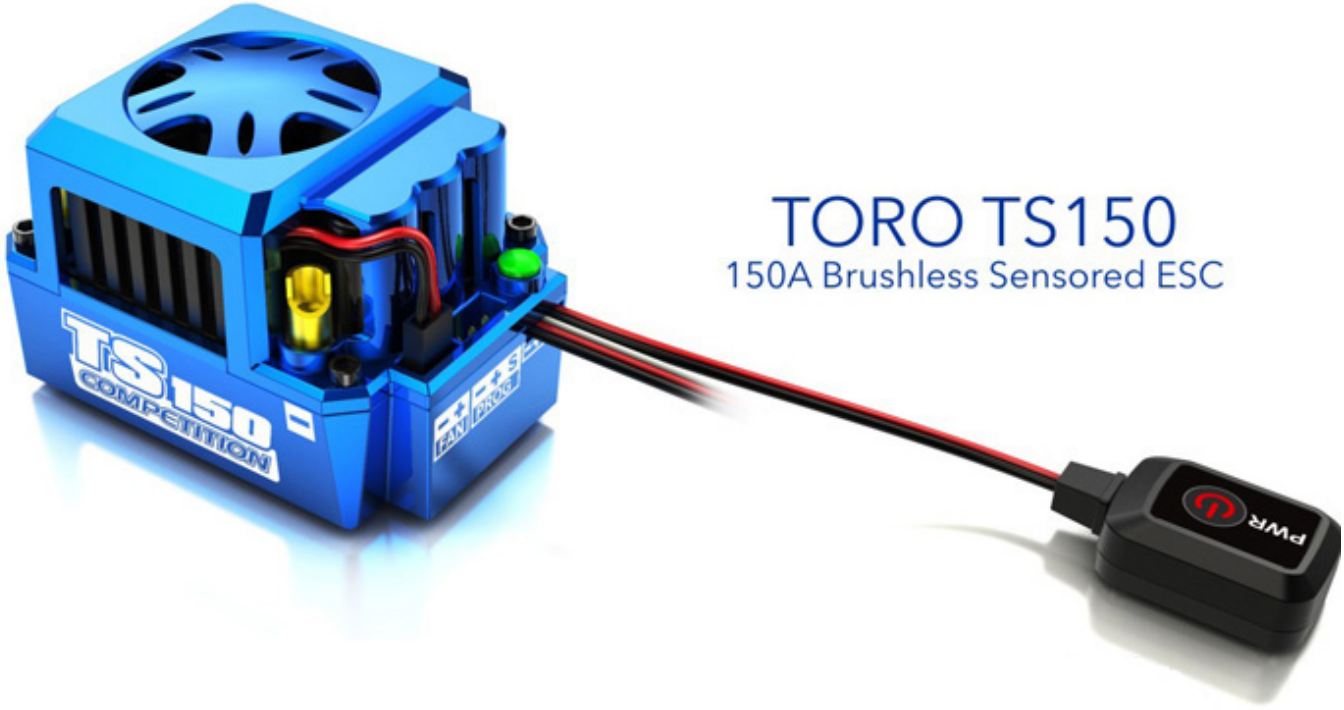
SC 150A Electronic Speed Controller (SK-300045-01)



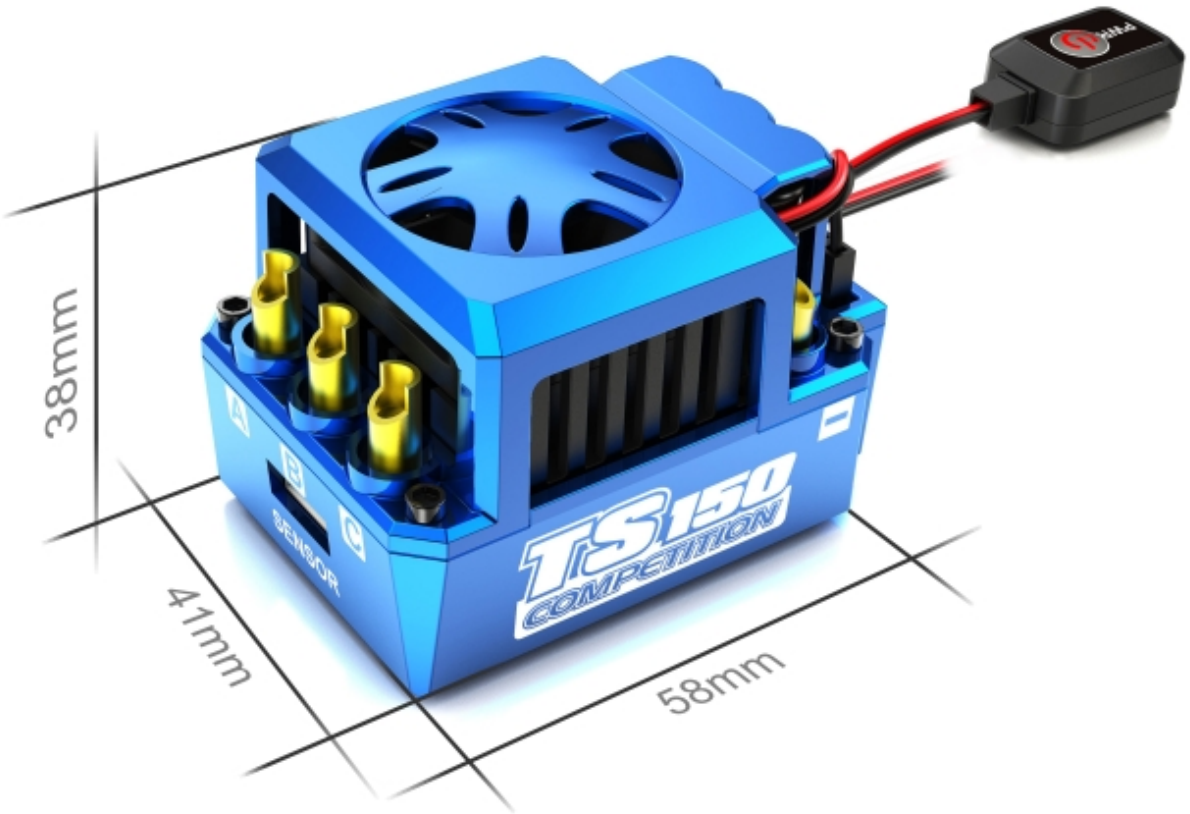
SC150A
Advanced Timing System

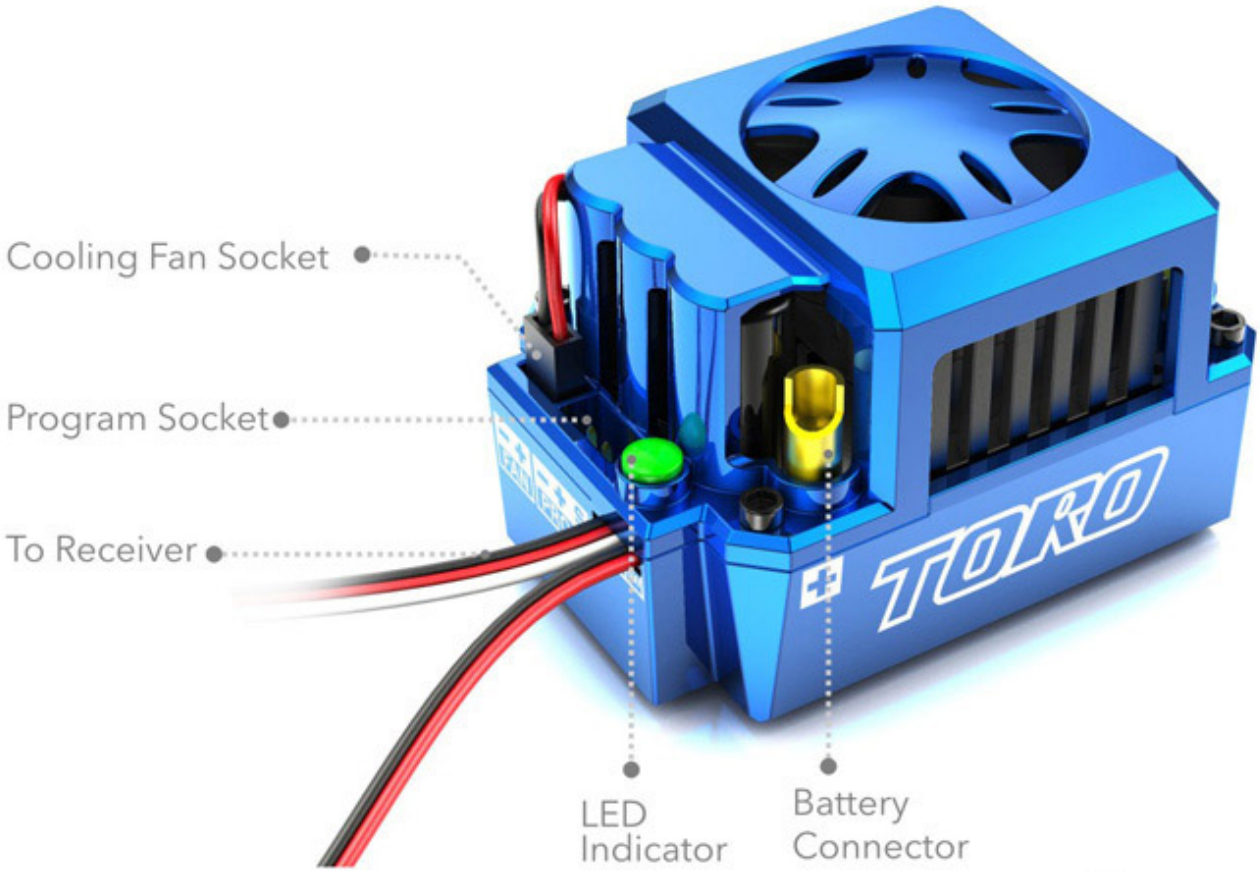
Toro TS150 150A ESC is big power in a small package, intending for 1/8th buggies, truggies and monster trucks running up to 6S LiPo. The innovative new case allows for fan changes and built-in 6V/5A BEC.

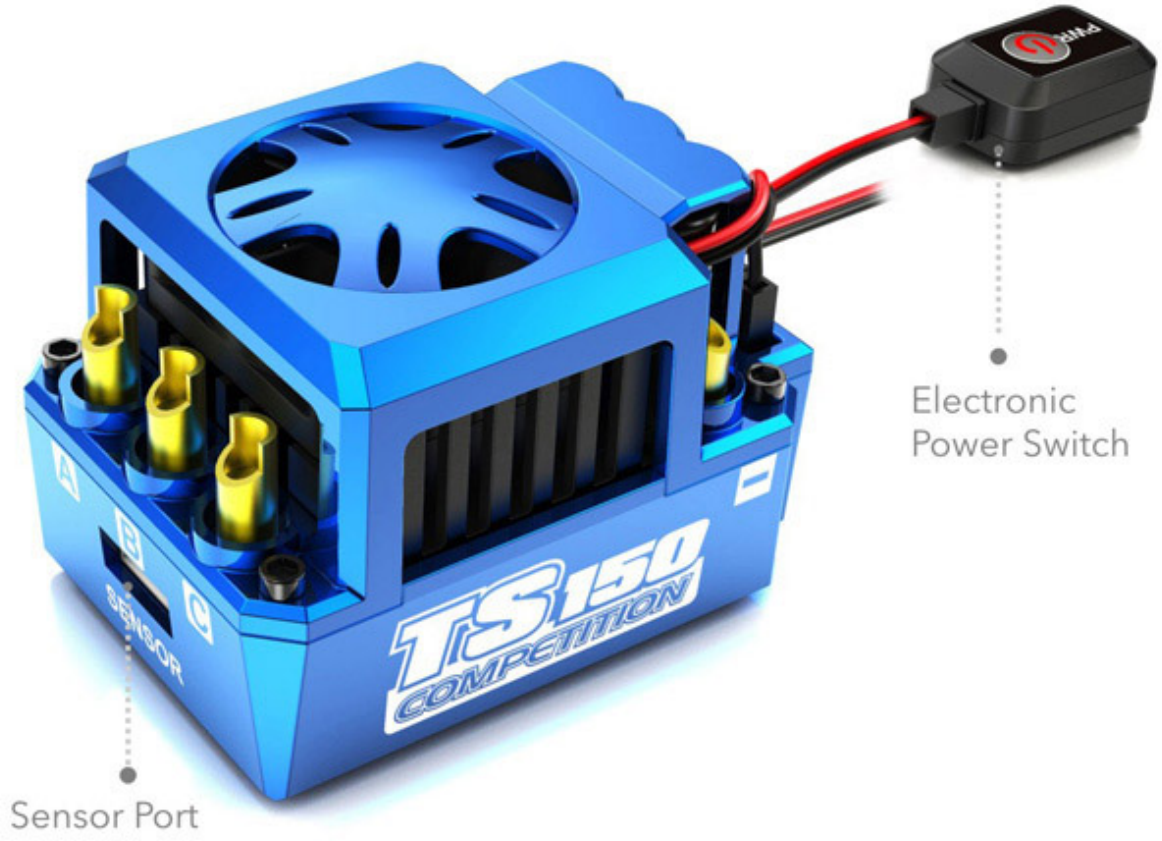
Leading the industry not only in power handing ability but also size and features with Throttle Control, Drag Brake, Custom Brake Input Curve,Voltage Cutoff for LiPo, ESC and Motor Overheat Protection and much more.

As always, Toro TS150 150A ESC offers industry-leading software and firmware update functions and can be programmed by SkyLink via PC,
Program Box and even your smart phone.

Compact Design





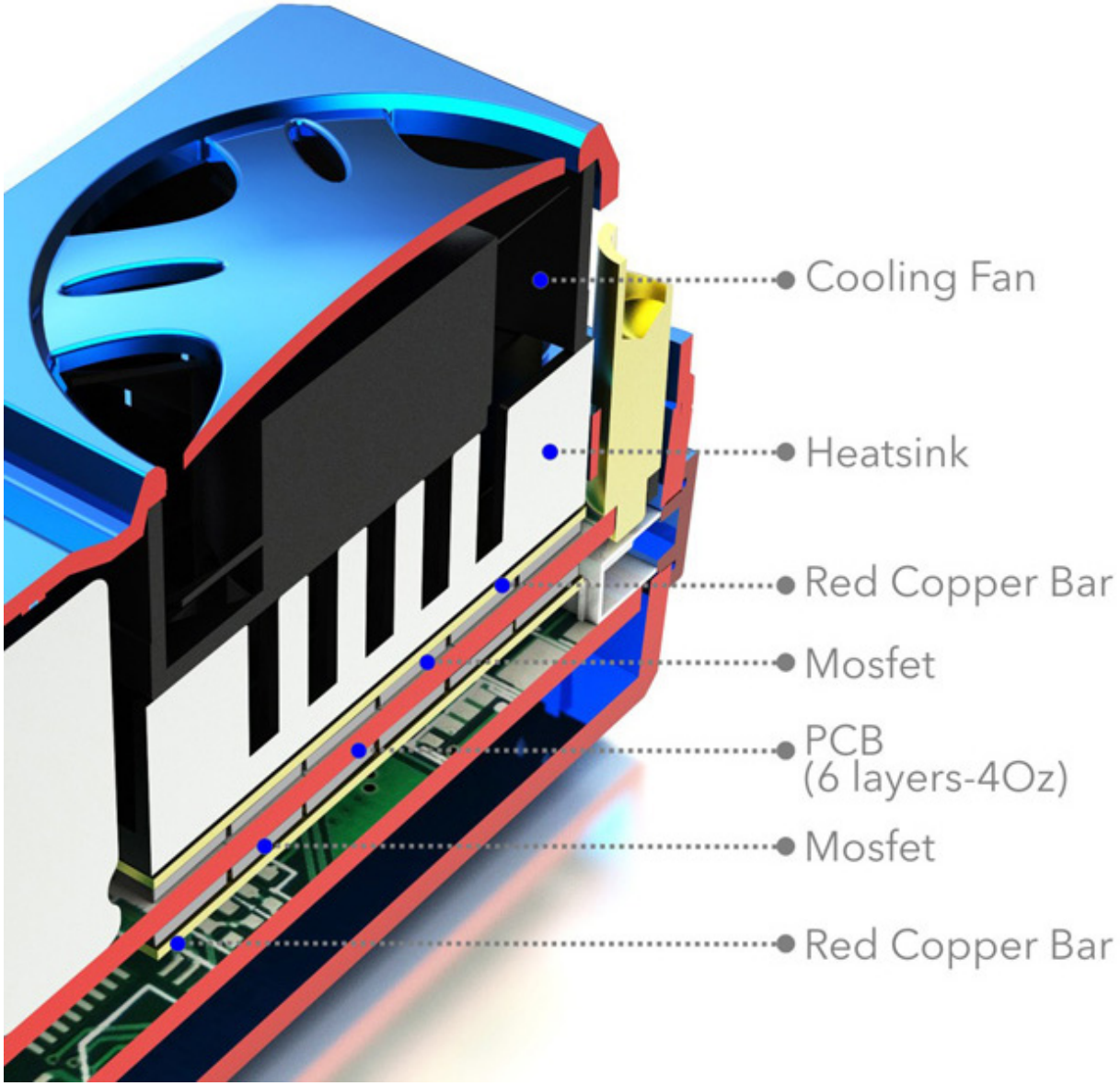


Electronic Power Switch

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

PWR

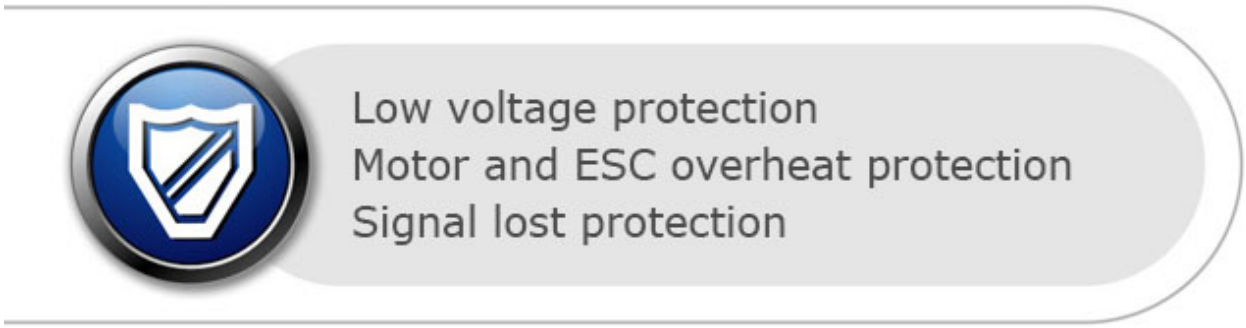
Less Resistance, Less Heat, More Efficiency



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

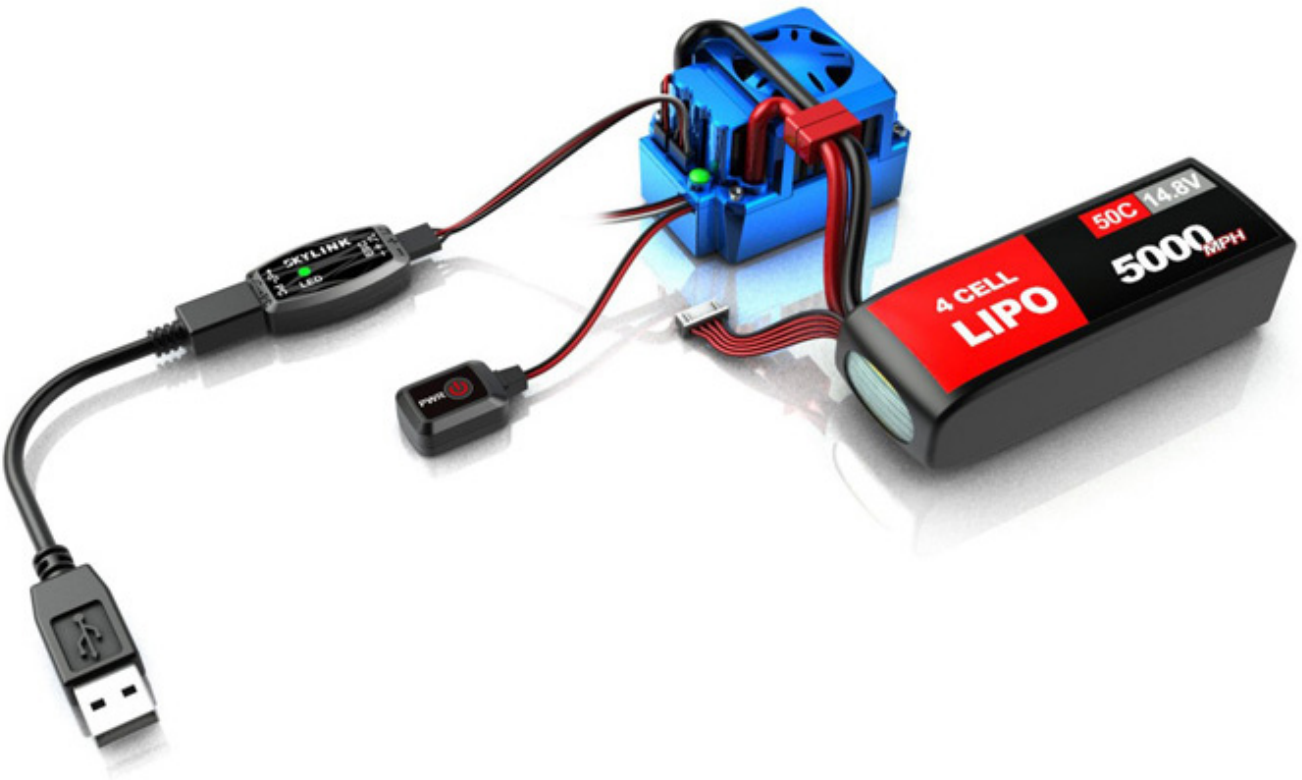


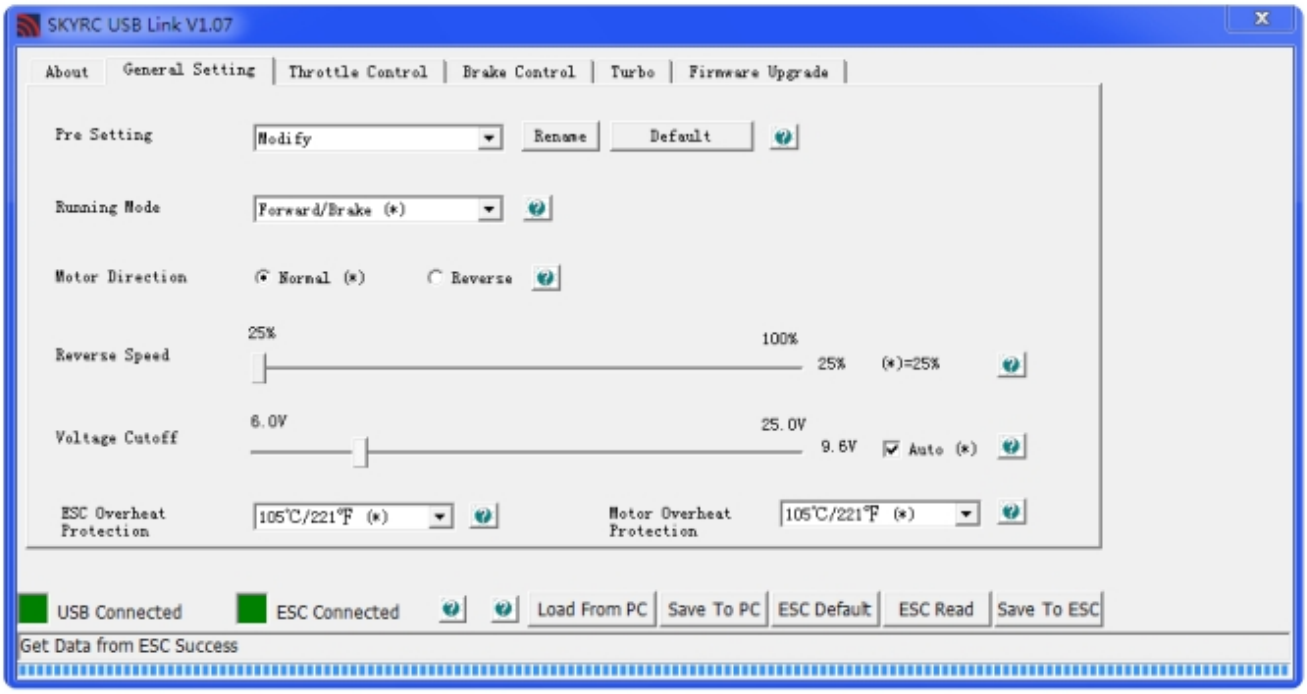
Firmware Update

The firmware can be updated by connecting the ESC to a PC or a smart phone.

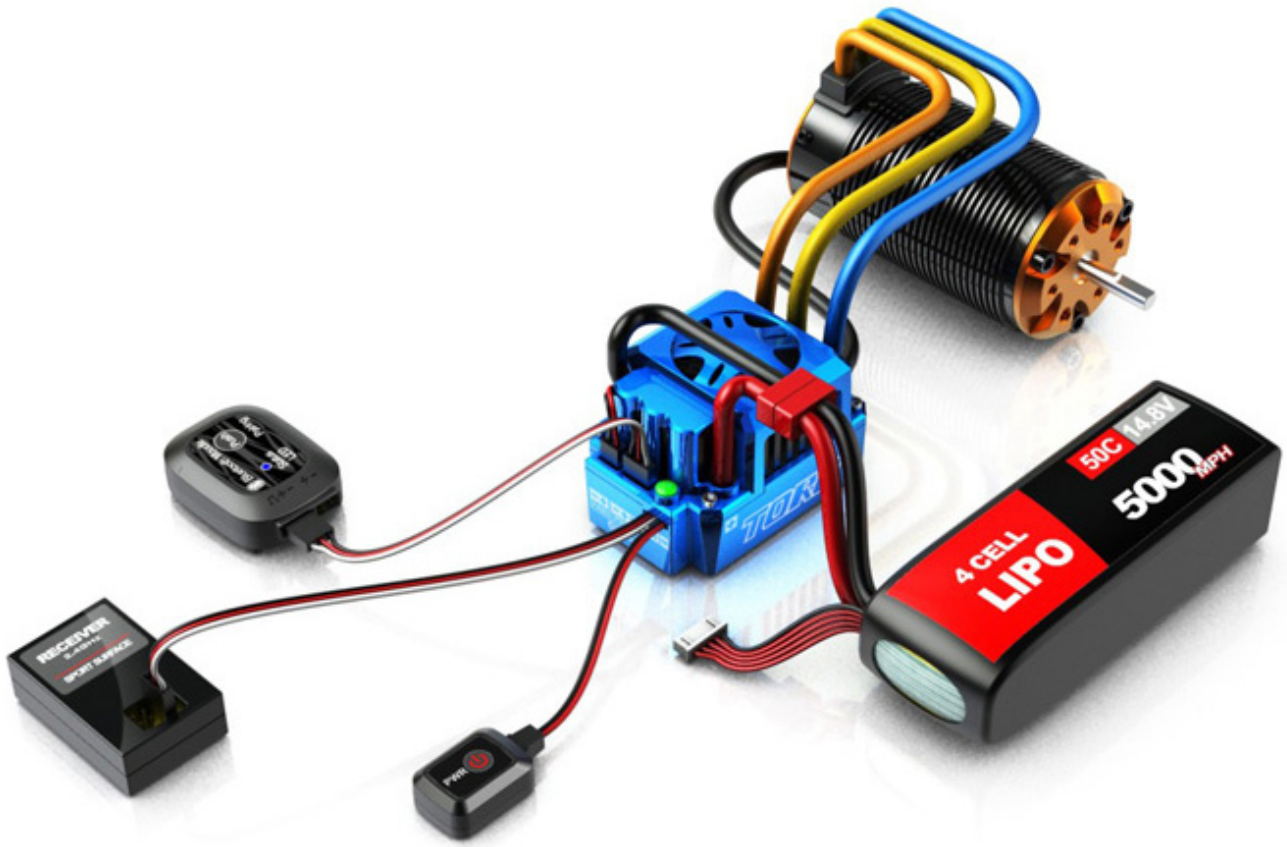
Programming Methods

The ESC can be programmed with a PC connected with SKYLINK (SK-600013)

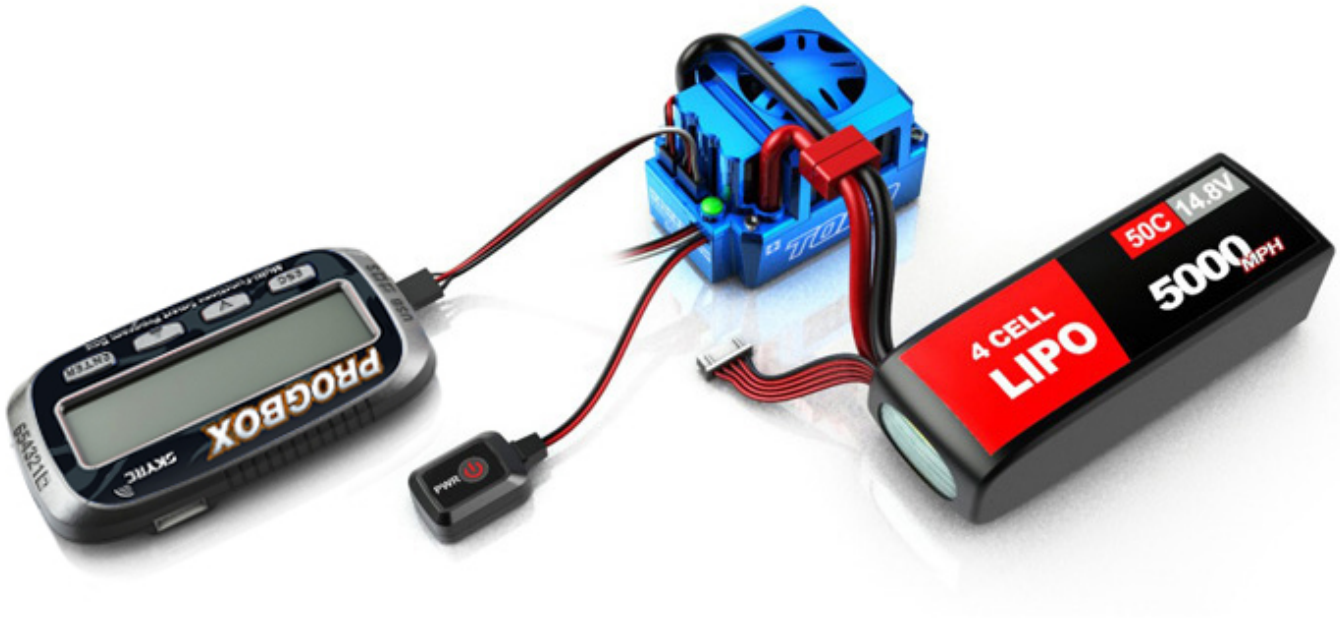

SKYLINK
LED
PWR
4 CELL
LIPO
50C
14.8V
5000
MPH


SKYRC USB Link V1.07
About
General Setting
Throttle Control
Brake Control
Turbo
Firmware Upgrade
Pre Setting
Modify
Rename
Default
Running Mode
Forward/Brake (*)
Motor Direction
Normal (*)
Reverse
Reverse Speed
25%
100%
25%
(*)=25%
Voltage Cutoff
6.0V
25.0V
9.6V
Auto (*)
ESC Overheat Protection
105℃/221℉ (*)
Motor Overheat Protection
105℃/221℉ (*)
USB Connected
ESC Connected
Load From PC
Save To PC
ESC Default
ESC Read
Save To ESC
Get Data from ESC Success

The ESC can be programmed with a smart phone via Bluetooth Module (SK-600058)



The ESC can be programmed with the PROGBOX (SK-600046)



Precise Programmable Items

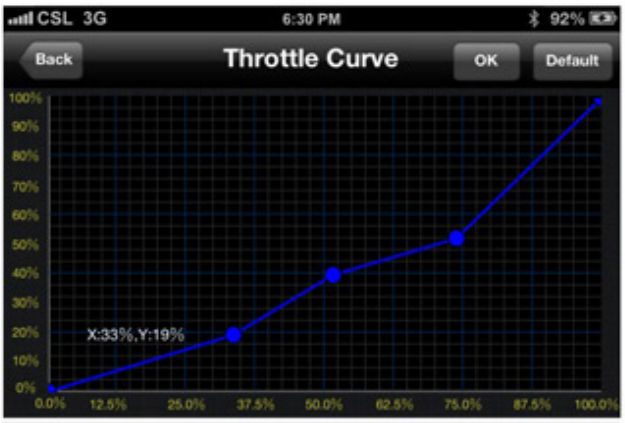
Advanced Timing System
Users could set the turbo and boost timing which can improve the motor RPM to get its best performance.

Turbo Setting

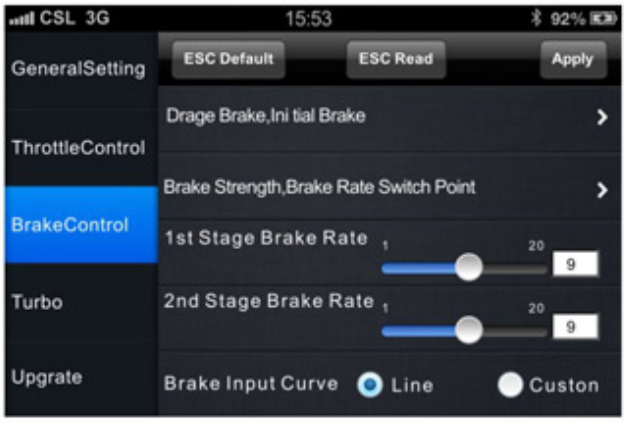
Well-performed Throttle and Brake Control Function

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.

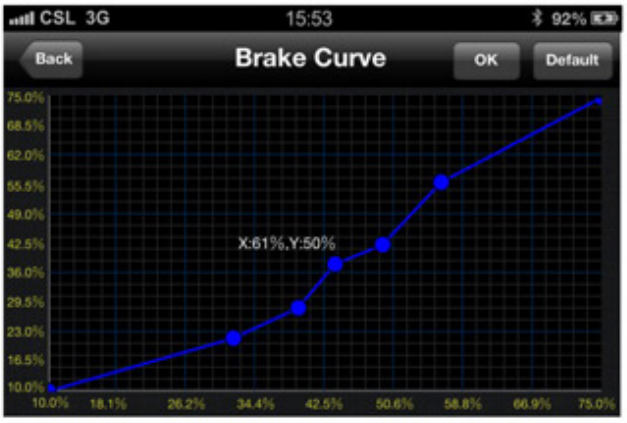
Throttle Control Setting



Throttle Curve Custom



Brake Control Setting



Brake Curve Custom

TECHNISCHE DATEN

Constant/Burst Current	150A / 950A
Motors	Sensor & Sensorless Brushless Motors
Cars	1/8 Buggy, Truck & Monster
Motor Limits	2-4S LiPo: ≤3000KV, 2-6 Poles 5-6S LiPo: ≤2400KV, 2-4 Poles
Resistance	0.0002 Ohm
Battery Cell Count	6-19S NiMH or 2-6S LiPo
BEC Output	6V 5A, Switched
Fan	6V 0.3A
Weight	95g (without wires)
Dimensions (LxWxH)	58x41x38mm

DOWNLOADS

- SkyRC Toro TS150A [SK300045] Manual (768.4 KB)
- SkyRC_UsbLink_V1.07.zip (1.1 MB)