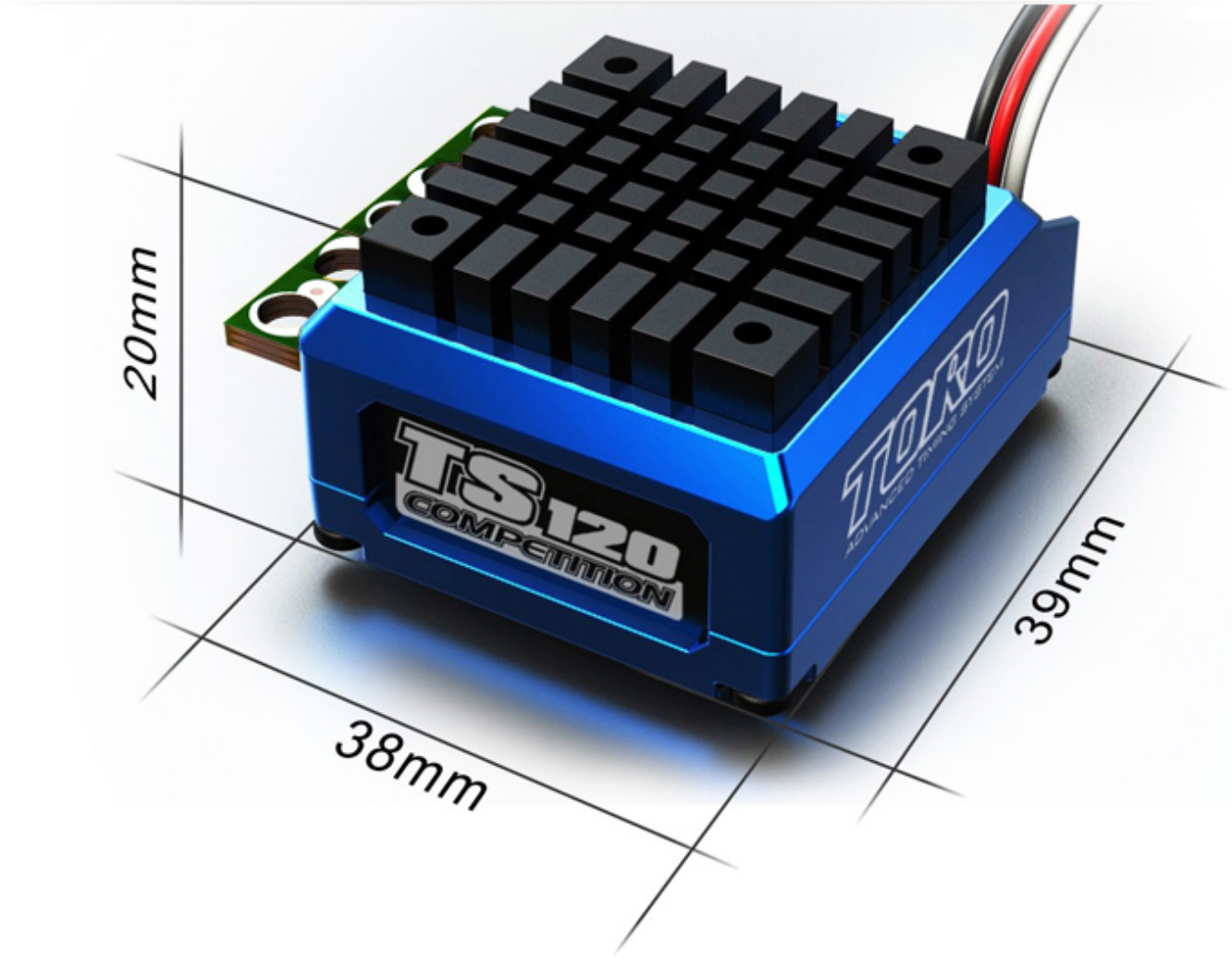
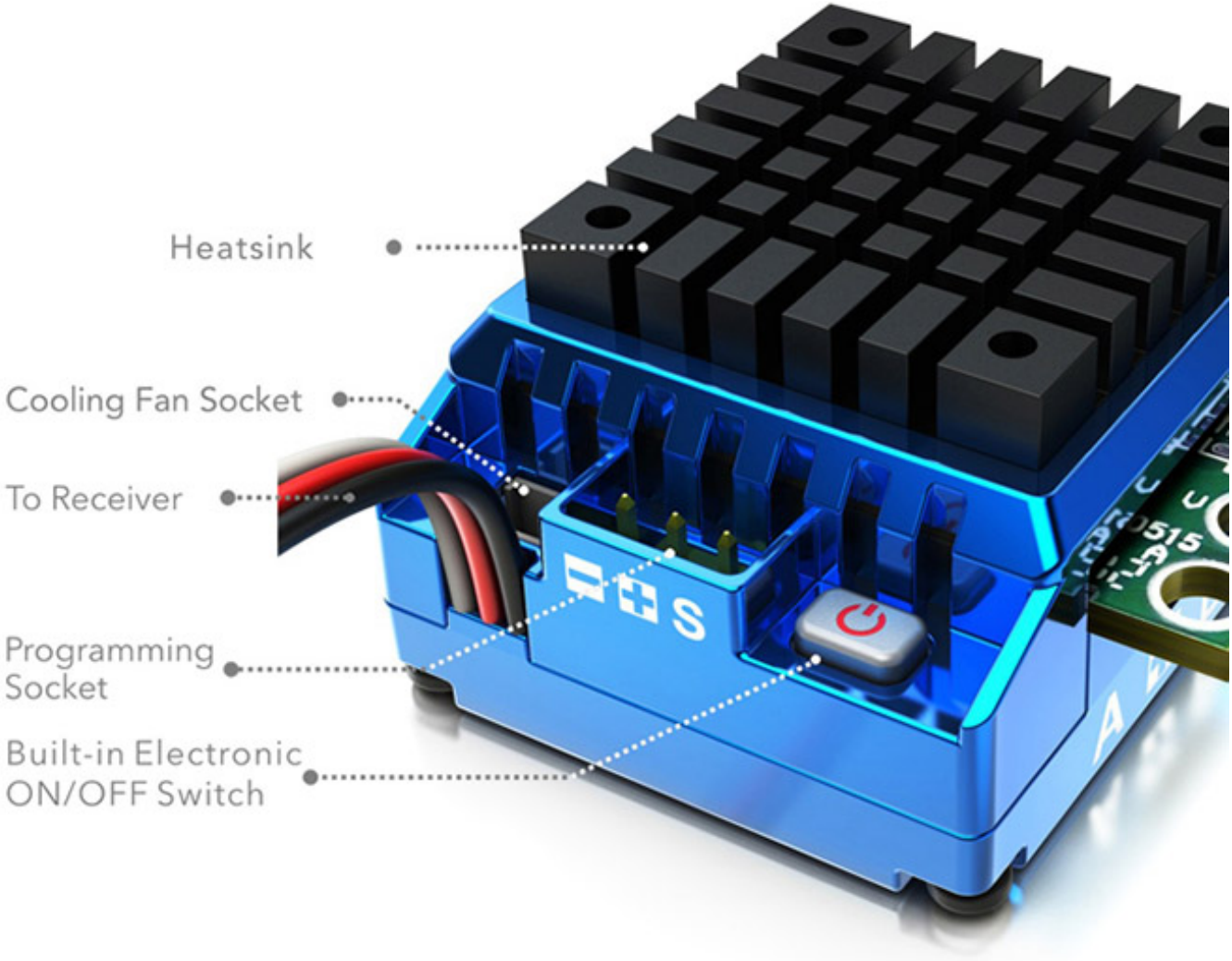
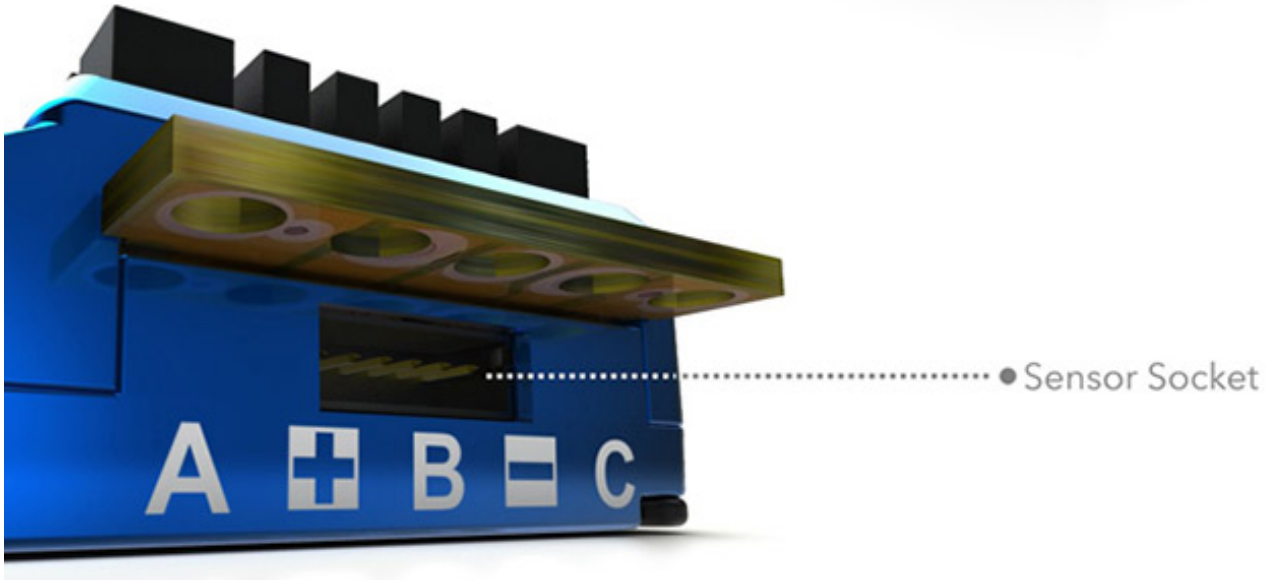
TS 120A Electronic Speed Controller (SK300044)

TS120A
Advanced Timing System

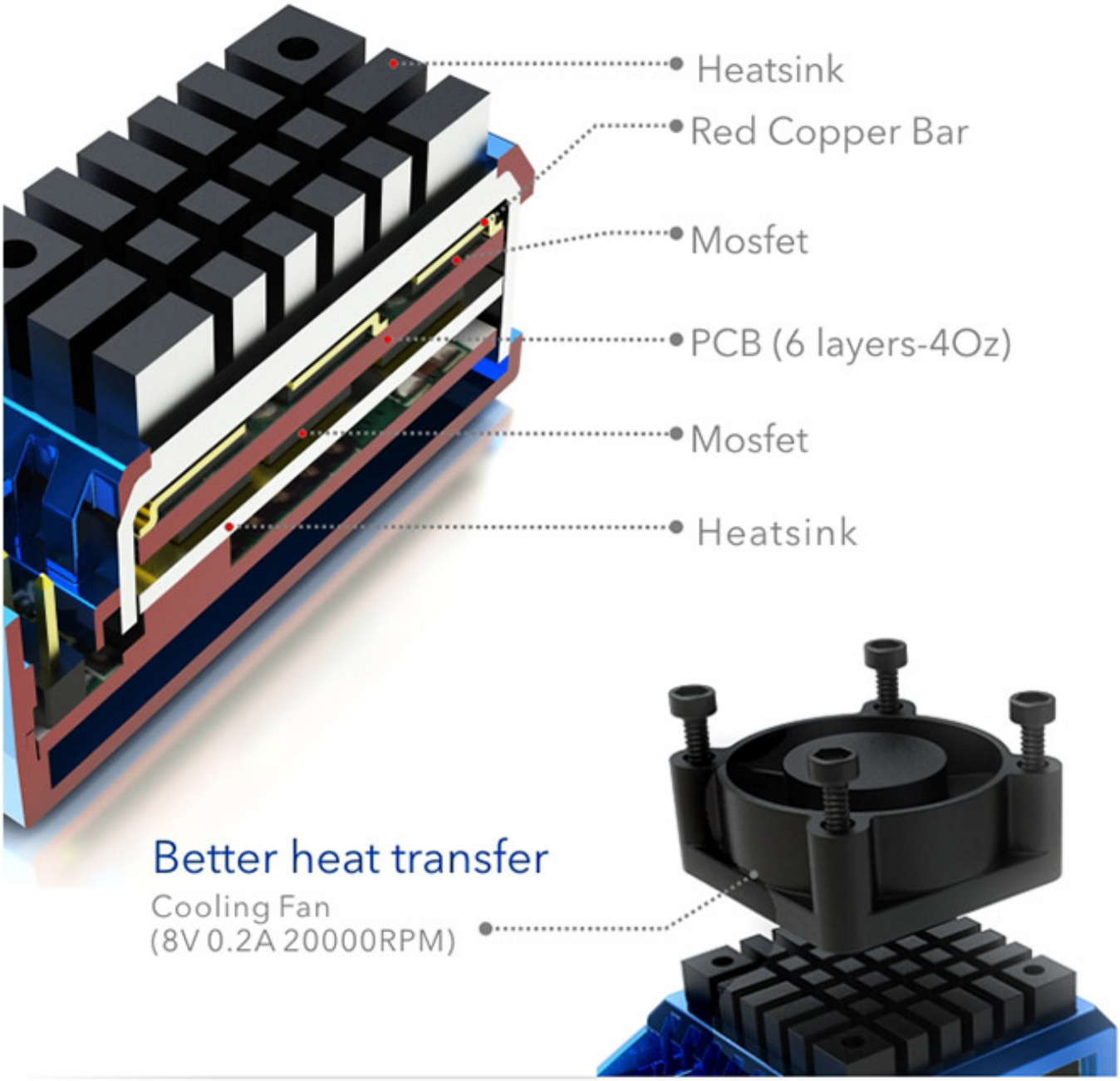
Toro TS 120A ESC for 1/10th Scale Car is designed for the use with 2S to 3S LiPo battery packs, has a 3.5T motor limit and features a 6V/3A BEC system. This feature does away with the need to use a separate receiver battery pack.


20mm
38mm
39mm
TS120
COMPETITION
TORO


Heatsink
Cooling Fan Socket
To Receiver
Programming Socket
Built-in Electronic ON/OFF Switch


Sensor Socket
A
B
C

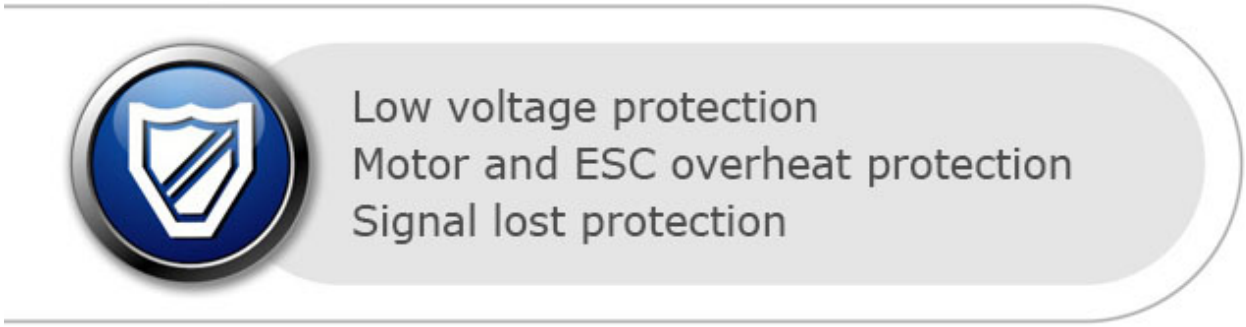
Less Resistance, Less Heat, More Efficiency



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

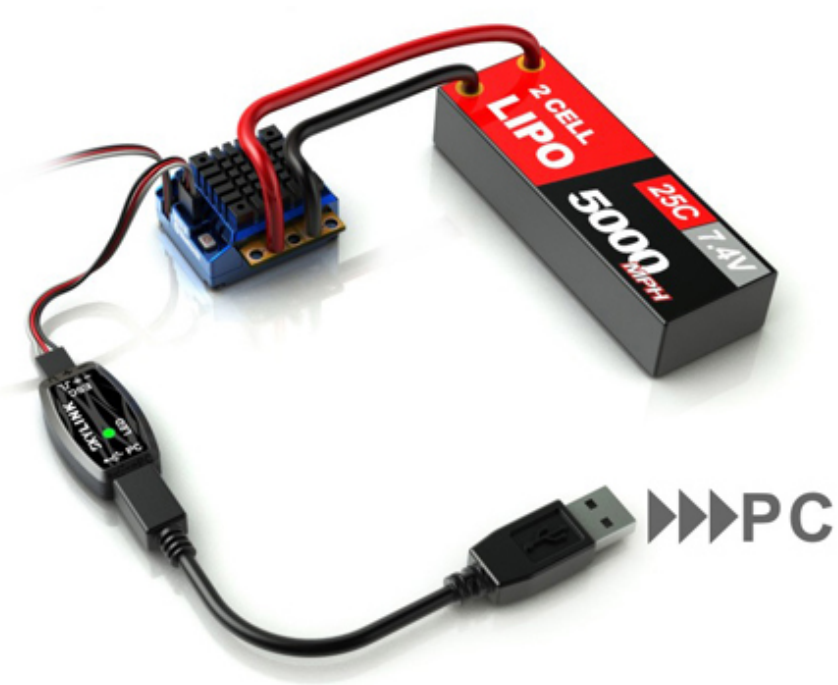


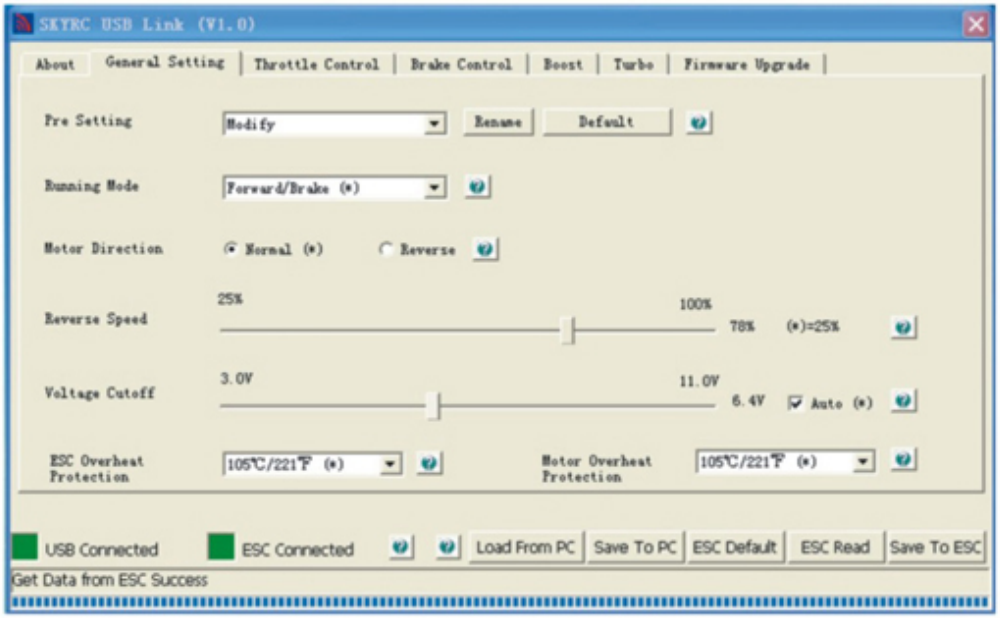
Firmware Update

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

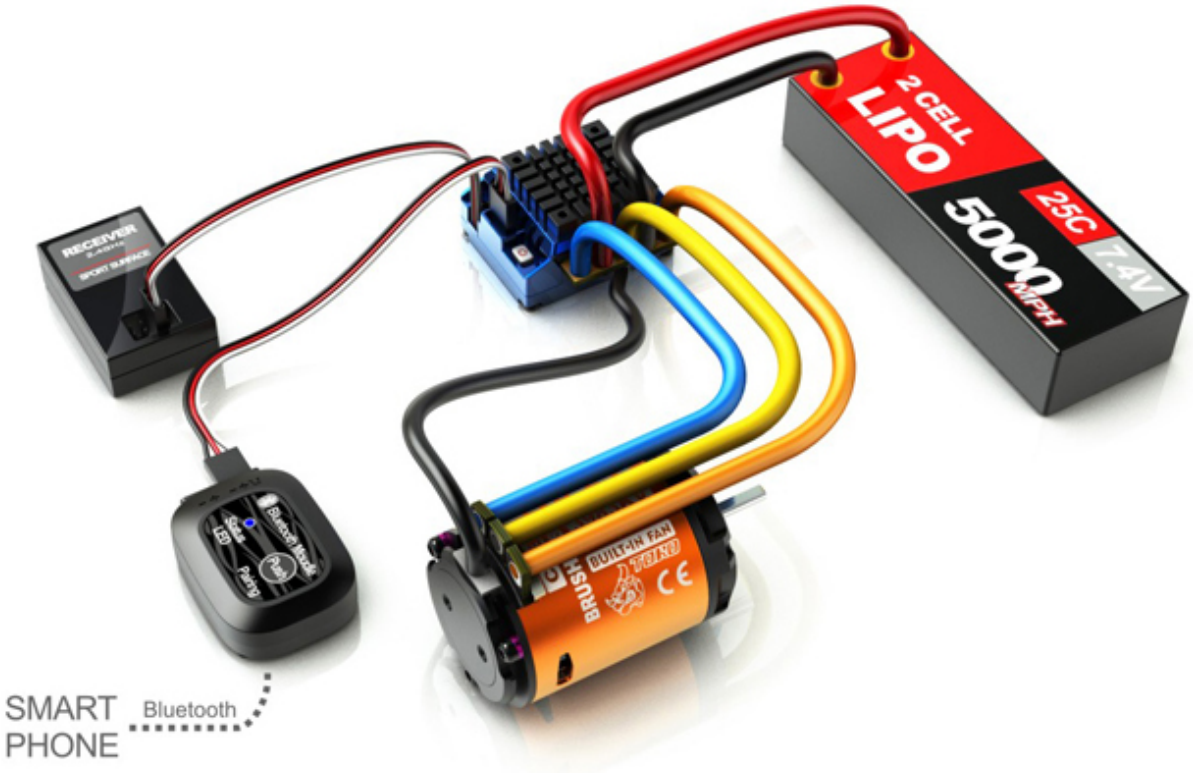
Programming Methods

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





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

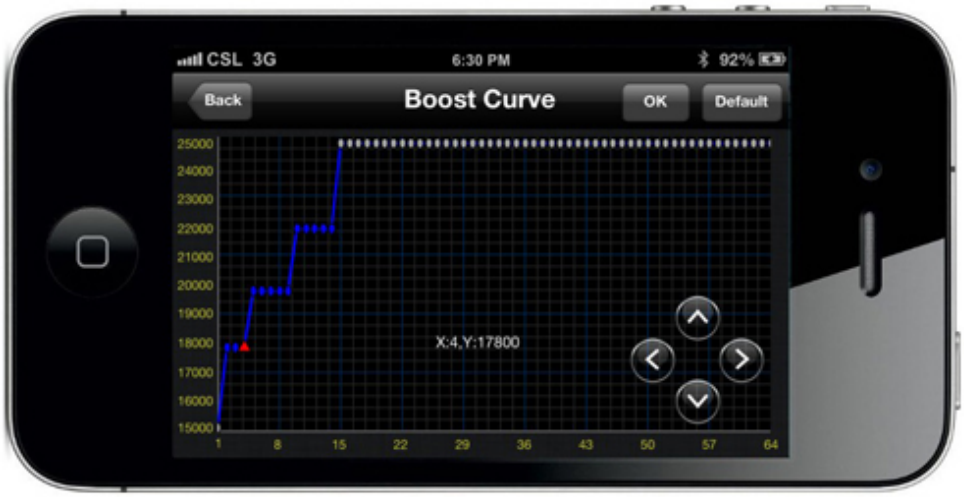


The ESC can be programmed with the PROGBOX (SK-600046)

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.

Boost Timing Setting



Boost Curve Custom

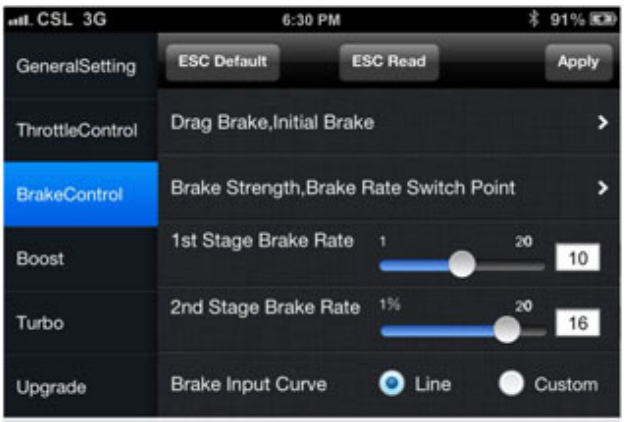
Turbo Timing Setting

Well-performed Throttle and Brake Control Function

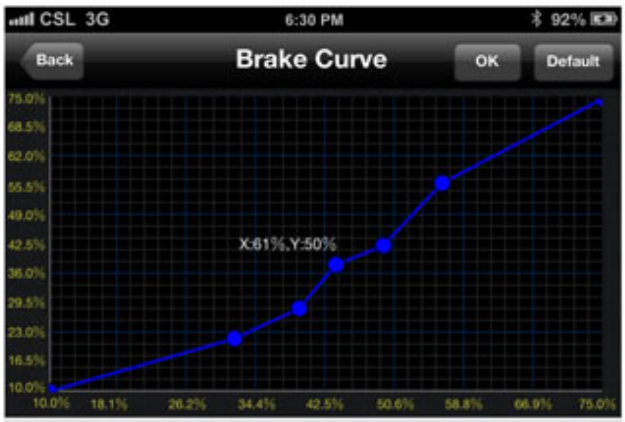
Users could set the punch/brake control rate by point or customize the throttle/brake curve by themselves,and different customers' request for linear and power all can be met.

Throttle Control Setting

Throttle Curve Custom



Brake Control Setting



Brake Curve Custom

TECHNISCHE DATEN

Constant/Burst Current	120A / 760A
Motors	Sensor & Sensorless Brushless Motors
Cars	1/10 and 1/12 Buggy & Truck 1/10 and 1/8 Crawlers
Motor Limits	5-6S NiMH or 2S LiPo: ≥3.5T (1/10 Buggy), ≥5.5T (1/10 Truck) 8-9S NiMH or 3S LiPo: ≥5.5T (1/10 Buggy), ≥8.5T (1/10 Truck)
Resistance	0.0003 Ohm

Battery Cell Count	4-9S NiMH or 2-3S LiPo
BEC Output	6V 3A, Linear
Fan	5V 0.2A, Max. 12.6V
Weight	45g (without wires)
Dimensions (LxWxH)	39x38x20mm

DOWNLOADS

- SkyRC Toro TS120A [SK300044] Manual (643,3 KiB)
- Software SkyRC USBLink V1.07 (1,1 MiB)