

Link to the product: <https://www.skyrc.eu/skyrc-toro-sc-120a-esc-p-196.html>

SkyRC TORO SC 120A ESC



Price	71.19 Euro
Availability	Not available
Shipping time	24 hours
Number	194
Producer code	SK-300052-01
Manufacturer	SkyRC

Product description

The Toro SC120 brushless ESC is a sensored speed control specifically designed to meet the rigors of short course racing. The built-in switching mode BEC has a powerful output to supply all electronic equipments even with 4S Lipo input .

It comes with 3 running models and 9 start models from ' soft' to Very aggressive' to suitable for different tracks, also comes with multiple protection features: Low voltage cut-off protection for lithium or nickel battery / Over-heat protection / Throttle signal loss protection / Motor blocked protection. The ESC firmware is updatable via an USB adapter.

It is easily programmed via the Advanced LCD Program Box and the major electronic components are sealed against splashing water and dust.

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

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.

Low voltage protection
Motor and ESC overheat protection
Signal lost protection

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

The ESC can be programmed by program box, PC (connected with SKYLINK) .

1. PC via SKYLINK (optional part SK-600013)

2. PROGBOX(SK-300046)

Turbo Timing

When the car is in full throttle, turbo timing set can improve the RPM to get its best performance.

Users could set the punch/brake control rate by point or custom 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

Size	
Constant/Burst Current	120A/760A
Motor Compatible	Brushless Sensor or Sensorless ESC
Car Compatible	1/10 SC or Monster, 1/8 SC or Buggy

Motor Limits	6S NiMH or 2S LiPo KV≤6000 7-9S NiMH or 3S LiPo KV≤4000 10-12S NiMH or 4S LiPo KV≤3000
Resistance	0.0003ohm
Battery Cell Count	6-12S NiMH or 2-4S LiPo
BEC Output	6V@3A, Linear
Weight	76g (w/o wire)
FAN	6V@0.2A

Specifications:

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