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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:

	Size	

			
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