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Link to the product: https://www.skyrc.eu/skyrc-toro-1s-120a-esc-p-174.html

SkyRC TORO 1S 120A ESC



Price	**111.67 Euro**
Availability	**Not available**
Shipping time	**24 hours**
Number	**172**
Producer code	**SK-300048-01**
Manufacturer	**SkyRC**

Product description

Toro One Cell 120A ESC is designed for 1/10th Scale one-cell class racing with small size, built-in power switch and durable aluminum out case. It also comes with built-in DC-booster and capacitor module. It features advanced timing system and well-performed throttle and brake control function. Racers could set the boost and turbo timing precisely, and 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 SkyLink via PC, Program Box and even your smart phone.

The electronic switch is built in so that it could save space.
And the electronic switch is more sensitive and reliable.

This ESC comes with built-in DC booster, which allows drivers to power their vehicle's electronics on a single 1 cell Li-Po battery pack without installing additional external boosters or receiver pack.
And it's with built-in capacitor module. This feature does away with the need to use a separate capacitor.

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 or smart phone.

It can be programmed by PC connected with

1.SKYLINK(SK-600013)

2.PROGBOX(SK-300046)

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

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

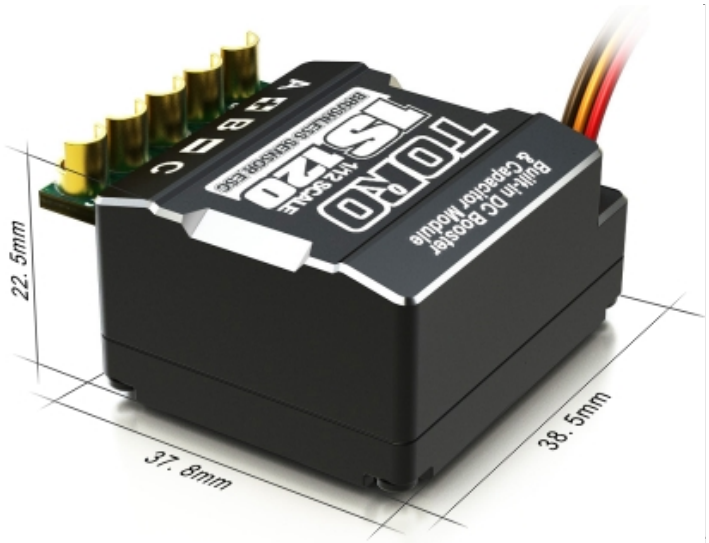
Throttle Curve Custom

Brake Control Setting

Brake Curve Custom

Specifications:

	Size	

			
	Constant/Burst Current		120A/760A
	Motor Compatible		Brushless Sensor & Sensorless Motor
	Car Compatible		1/12 On Road competition
	Motor Limits		≥3.5T(3 slots, 2 poles, 540 class motor)
	Resistance		0.0003ohm
	Battery Cell Count		1S LiPo
	BEC Output		6V@3A, line
	Weight		50g (without wire)