

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 7-9S NiMH or 3S LiPo 10-12S NiMH or 4S LiPo | KV≤6000 KV≤4000 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 | |
|-------------|--|



| | |
|------------------------|---|
| | |
| 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 \leq 6000 7-9S NiMH or 3S LiPo KV \leq 4000 10-12S NiMH or 4S LiPo KV \leq 3000 |
| Resistance | 0.0003ohm |
| Battery Cell Count | 6-12S NiMH or 2-4S LiPo |
| BEC Output | 6V@3A, Linear |
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