SimonK Speed Controller 12A ESC for Mini Quadcopter QAV 250

Simonk 12A ESC Brushless Motor Speed Controller for Multicopter

Simonk Series 12A Brushless Motor ESC For Quadcopter QAV 250

Description:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| tem | continuous current | burst current (10A) | battery(cell) | Dimension | Wight(g) | BEC mode | BEC output | programmable |
| 12A | 12A | 15A | 1~3 | 22\*17\*7 | 8 | linear | 1A/5V | YES |
| 20A | 20A | 25A | 2~3 | 55\*28\*7 | 28 | linear | 2A/5V | YES |
| 25A | 25A | 30A | 2~3 | 55\*28\*7 | 28 | linear | 2A/5V | YES |
| 30A | 30A | 40A | 2~3 | 55\*28\*7 | 28 | linear | 2A/5V | YES |
| 40A-UBEC | 40A | 50A | 2~6 | 73\*28\*12 | 41 | switch | 3A/5V | YES |

Features:

Item Name: Simonk Series ESC

Current: 12A

Input: 2-3S LiPo

Based on Simon K firmware, further optimized to perfect drive performance.

Low-voltage protection, over-heat protection and self-check functions.

Separate power supply for MCU and BEC, enhancing the ESC’s ability of eliminating magnetic interference.

Parameters of the ESC can be set via program card or transmitter.

Throttle range can be set to be compatible with different receivers.

Equipped with built-in BEC.

Max speed: 210,000 rpm for 2-pole, 70,000 rpm for 6-pole, 35,000 rpm for 12-pole.

Package Included:

1 x SimonK 12A ESC