





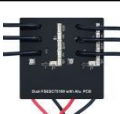


Electronic Speed Controller Price List

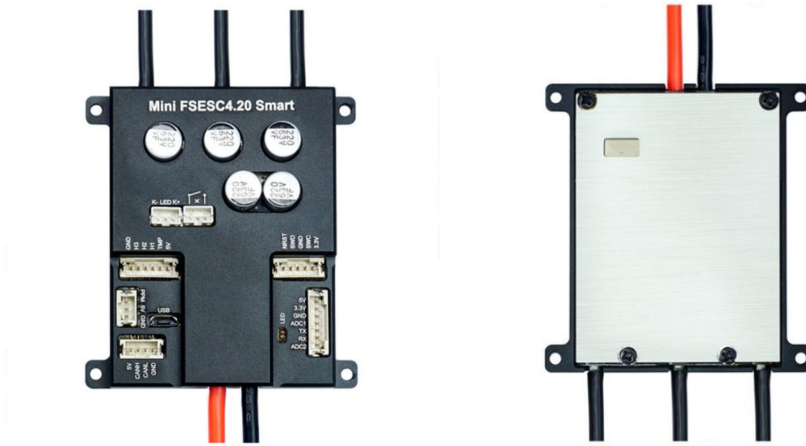
Items	SKU	Price	Voltage	Continuous Current	Motor
	ATO-ESC-50-312S	\$455.86	8V-60V (3-12S)	50A	Single BLDC Motor
	ATO-ESC-100-312D	\$664.82	8V-60V (3-12S)	50A	Dual BLDC Motor
	ATO-ESC-60-312S	\$664.82	8V-60V (3-12S)	60A	Single BLDC Motor
	ATO-ESC-70-412S	\$319.12	14V-60V (4-13S)	70A	Single BLDC Motor
	ATO-ESC-140-412D	\$544.47	14V-60V (4-13S)	70A	Dual BLDC Motor
	ATO-ESC-100-420S	\$279.42	14V-84V (4-20S)	100A	Single BLDC Motor
	ATO-ESC-200-420D	\$588.73	14-84V (4-20S)	100A/200A	Dual BLDC Motor

Note:

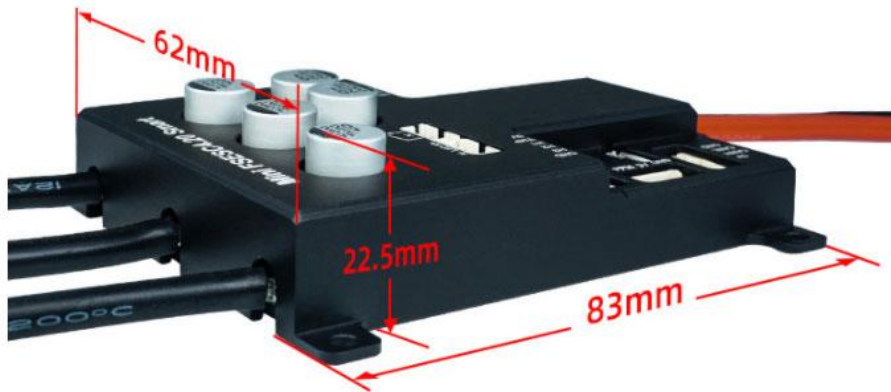
1. All of the models can be customized according to your requirements, **delivery time about 25 days.**
2. The prices in the table are just for your reference. If you want to get the latest quotation, please feel free to contact us.

50A 3-12S Electronic Speed Controller for Single BLDC Motor

SKU: ATO-ESC-50-312S



Dimension

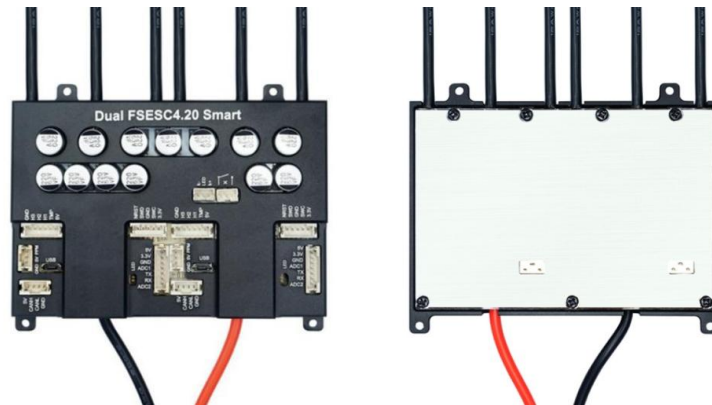


Specifications

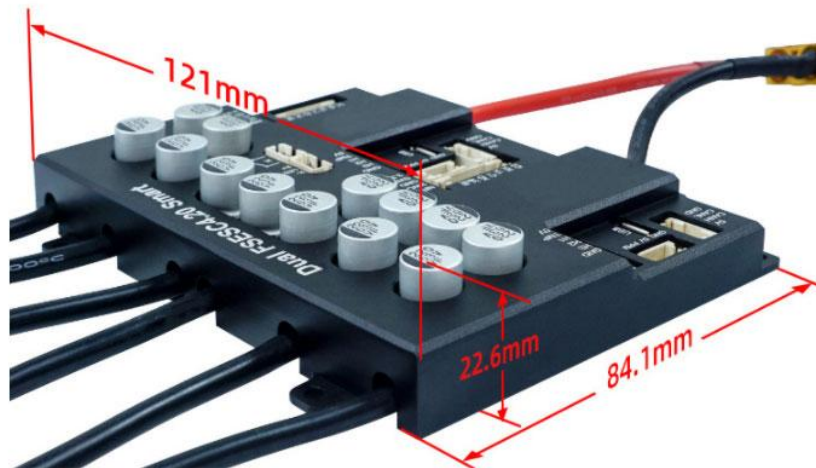
Model	ATO-ESC-S50A
Voltage	8V-60V (3 - 12S)
Firmware	Latest firmware version
Power Current	50A continuous/200A peak
Signal	PWM input
Communication Port	USB, CAN, UART
Control Modes	BLDC, FOC
Size	83mmx62mmx22.5mm
Switch Off	Fireproof flower/intelligent version of fireproof flower switch
Input Source	PPM, analog, NRF, NYKO, KAMA, NUNCHUCK
Support Sensor	ABI, HALL, AS 5047, AS5048A

50A/100A 3-12S Electronic Speed Controller for Dual BLDC Motor

SKU: ATO-ESC-100-312D



Dimension

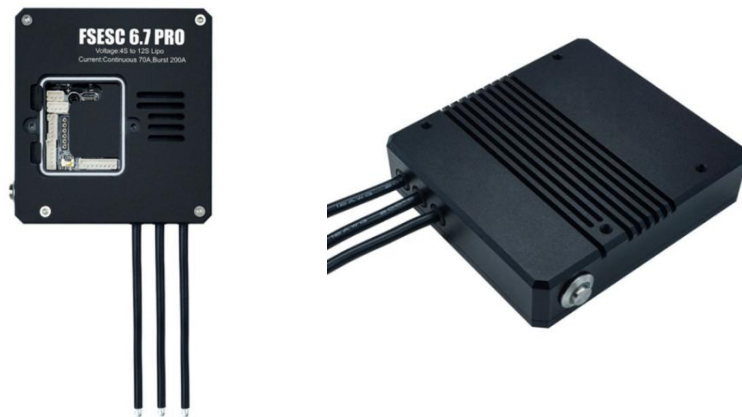


Specifications

Model	ATO-ESC-S50A
Voltage	8V-60V (3 - 12S)
Firmware	Latest firmware version
Power Current	50A continuous/200A peak
Signal	PWM input
Communication Port	USB, CAN, UART
Control Modes	BLDC, FOC
Size	83mmx62mmx22.5mm
Switch Off	Fireproof flower/intelligent version of fireproof flower switch
Input Source	PPM, analog, NRF, NYKO, KAMA, NUNCHUCK
Support Sensor	ABI, HALL, AS 5047, AS5048A

60A 3-12S Electronic Speed Controller for Single BLDC Motor

SKU: ATO-ESC-60-312S



Dimension

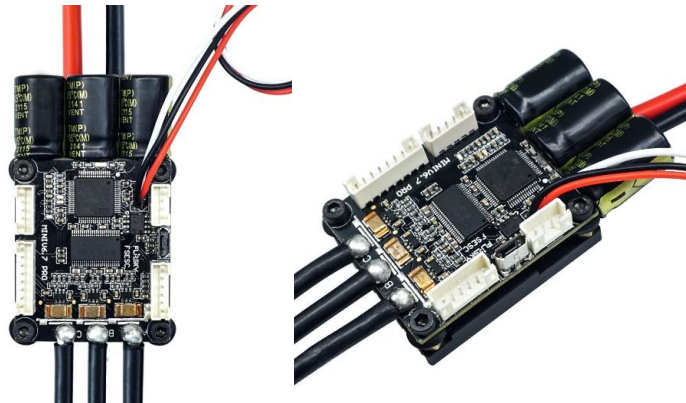


Specifications

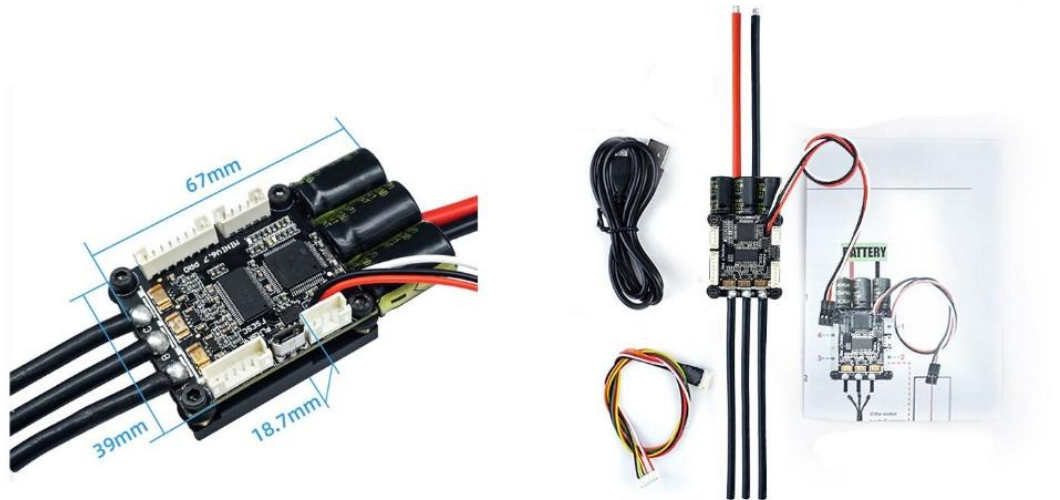
Model	ATO-ESC-S60A
Voltage	8V-60V(3 - 12S)
Firmware	Latest firmware version
Power Current	50A continuous/200A peak
Signal	PWM input
Communication Port	USB, CAN, UART
Control Modes	BLDC, FOC
Size	100mmx92mmx22.5mm
Hardware	V6.7PRO
PCB	6F 18 OC
Switch Off	Fireproof flower/intelligent version of fireproof flower switch
Input Source	PPM, analog, NRF, NYKO, KAMA, NUNCHUCK
Support Sensor	ABI, HALL, AS 5047, AS5048A

70A 4-12S Electronic Speed Controller for Single BLDC Motor

SKU: ATO-ESC-70-412S



Dimension

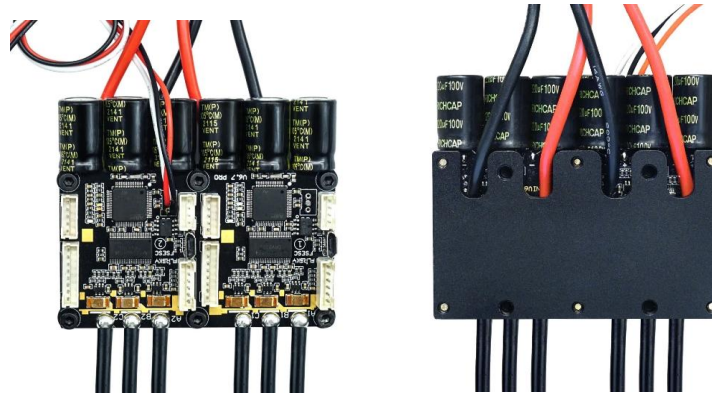


Specifications

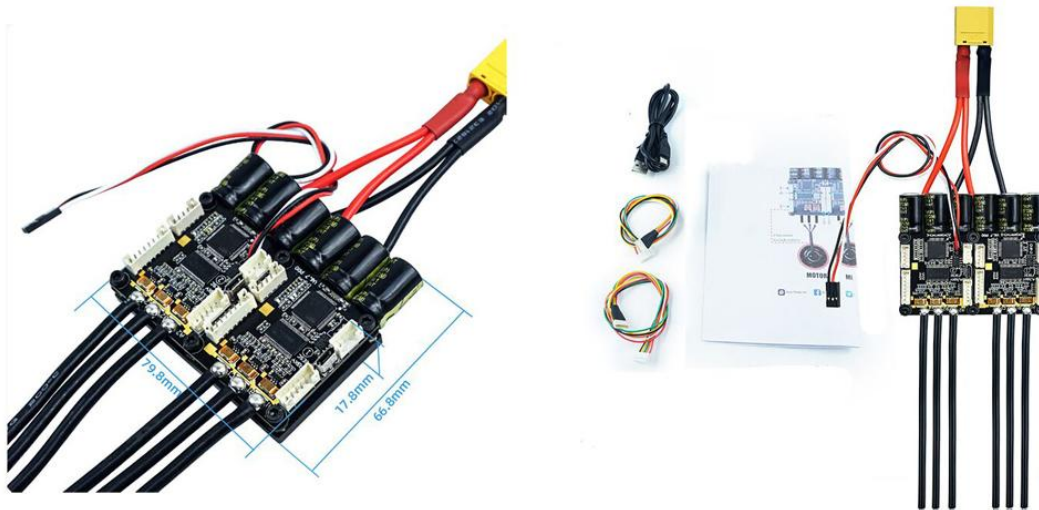
Model	ATO-VH-M67PS-N-070
Voltage	14V-60V (Cells: 4-13S, safe for 4S to 12S, voltage spikes may not exceed 60V)
Continuous Current	70A
Instantaneous Current	200A
Size	67mmx39mmx18.7mm
Weight	130g
EPRM	150000
Motor Cable	12 AWG
Power Cable	12 AWG
Communication Method	PPM, ADC, NRF, UART
Communication Ports	USB, CAN, UART, SPI, IC
Supported Sensors	ABI, HALL, AS5047, AS5048A

70A/140A 4-12S Electronic Speed Controller for Dual BLDC Motor

SKU: ATO-ESC-140-412D



Dimension



Specifications

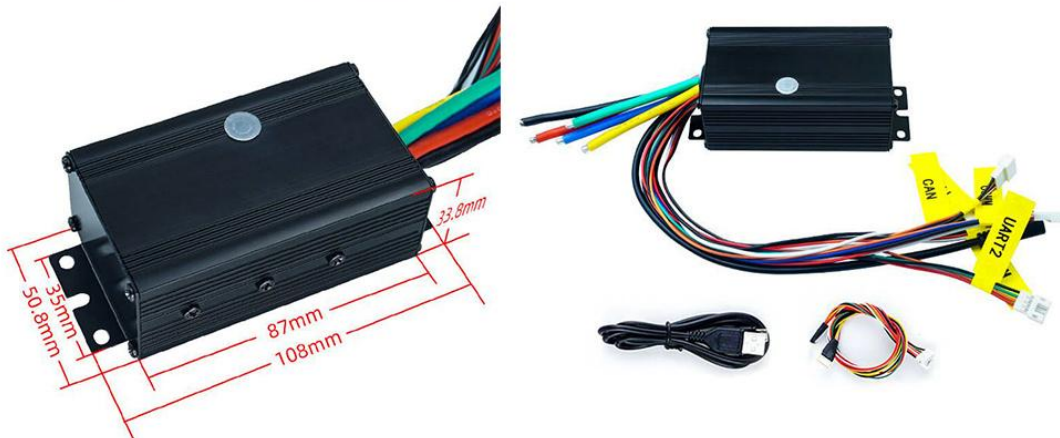
Model	ATO-VH-M67PS-N-070
Voltage	14V-60V (Cells: 4-13S, safe for 4S to 12S, voltage spikes may not exceed 60V)
Continuous Current	140A
Instantaneous Current	400A
Size	79.8mmx66.8mmx17.8mm
Weight	130g
EPRM	150000
Motor Cable	12 AWG
Power Cable	14 AWG (with XT90 connector)
Communication Method	PPM, ADC, NRF, UART
Communication Ports	USB, CAN, UART, SPI, IC
Supported Sensors	ABI, HALL, AS5047, AS5048A

100A 4-20S Electronic Speed Controller for Single BLDC Motor

SKU: ATO-ESC-100-420S



Dimension

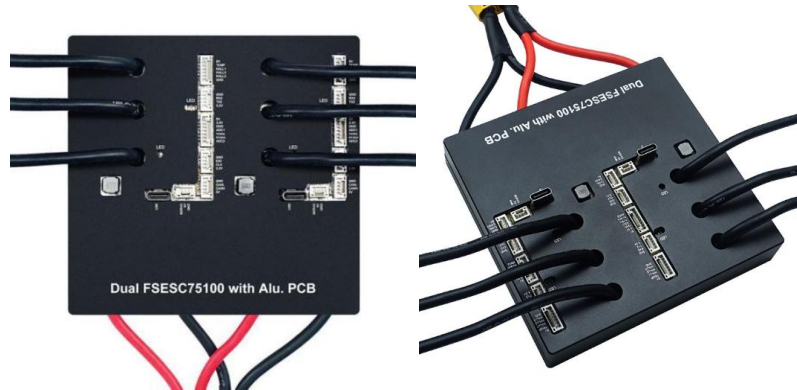


Specifications

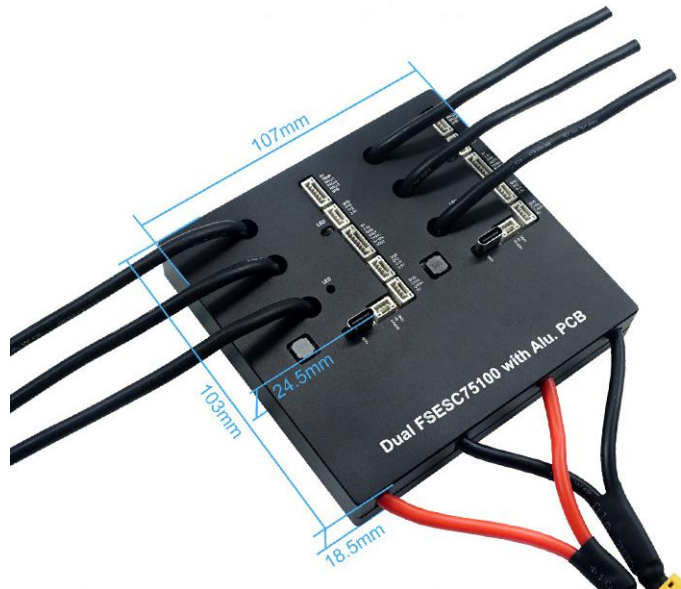
Model	ATO-VC-75S-N-100
Voltage	14V-84V (4-20S)
BEC	5V@1A
Continuous Current	100A
Instantaneous Current	120A
Size	85mmx50.7mmx33.8mm
EPRM	150000
Weight	0.5kg
Wire Size	12 AWG
Communication Method	PPM, ADC, NRF, UART
Communication Ports	USB, CAN, UART
Supported Sensors	ABI, HALL, AS5047, AS5048A

100W/200A 4-20S Electronic Speed Controller for Dual BLDC Motor

SKU: ATO-ESC-200-420D



Dimension



Specifications

Model	ATO-VA-750D-N-100
Voltage	14-84V (4-20S safe, voltage spikes must not exceed 84V)
Firmware Upgrade	Support USB online firmware upgrade
Current	Single/dual max. continuous current 100A/ 200A, single/dual max. current 120A/240A (duration depends on external heat dissipation)
Control Communication Mode	Support PPM, ADC, NRF, UART
Braking Capacity	Regenerative braking
Control Mode	Support current, duty cycle, speed, position control mode
BEC	5V/1.5A output, 5V/1.5A output for external electronic equipment

Supported Sensors	ABI, HALL, AS5047, AS5048A
Communication Port	USB, CAN, UART, SPI, IIC
EPRM	150000
Motor Cable	12 AWG
Power Cable	12 AWG
Size	103mmx107mmx18.5mm

ESC Controller Applications

Electronic speed controllers are used in remote control and vehicle applications. It is designed for brushless motors and is mainly used for electric cars, electric bicycles, electric aircraft, cars, helicopters, airplanes, boats, quadcopters and ESC firmware.

Mechanical arm



Robot



Battle robot



DIY off road vehicle