

SkyWalker **V2**



High Quality
& Reliable



Reverse Brake



DEO Technology/
Active Freewheeling



Programmable
Parameters



Search Mode



Multiple
Protections

Reverse Brake

Our newest Reverse Brake and Linear Reverse Brake mode, enable the user the experience to simulate the feeling of landing a real aircraft. Normal and no brake modes are also available if required.

Proven technology

The high performance **32 bit ARM M4** chip set allows extremely high operational frequency and motor control. Up to **120 MHz**, and **300000 PRM** (for 2 Pole motors). Great flexibility for a **60-74 "3D"** fixed wing motor. Powerful, and responsive.



Programmable Parameters

Programmable with the LED Program Box, or transmitter. Users can easily program the SKYWALKER V2 to their preference.

DEO Technology / Active Freewheeling

Drive Efficiency Optimization , Our DEO technology offers multiple advantages for the user. Fast smooth throttle response with improved stability, and efficiency means lower ESC operational temps and longer flight times. (For 3D aerobatics, it is recommended to turn off this function)

Search Mode

This feature allows the pilot to activate the ESC to emit an audible beeping tone from the motor. Allowing for users to locate and recover their aircraft through visually impaired areas.

Multiple Protections

SkyWalker ESC's feature offer multiple levels of protection that include voltage, signal, temperature, and low voltage protection for all of your battery packs.



Abnormal Input voltage



Low voltage Cutoff



ESC thermal



Throttle Signal loss

120A Programmable Items

Note: Those values marked with * in the form below are the factory default settings.

Values	Items	1	2	3	4	5	6	7
1	Brake Type	*Disabled	Normal	Reverse	Linear Reverse			
2	Brake Force	*Low	Medium	High				
3	Voltage Cutoff Type	*Soft	Hard					
4	LiPo Cells	*Auto Calc.	3S	4S	5S	6S	7S	8S
5	Cutoff Voltage	Disabled	*Low	Medium	High			
6	Start-up Mode	*Normal	Soft	Very Soft				
7	Timing	Low	*Medium	High				
8	Active Freewheeling	On	*Off					
9	Search Mode	*Off	5min	10min	15min			
10	BEC Voltage	*5V	6V	7.4V	8.4V			

130A&160A Programmable Items

Note: Those values marked with * in the form below are the factory default settings.

Values	Items	1	2	3	4	5	6
1	Brake Type	*Disabled	Normal	Reverse	Linear Reverse		
2	Brake Force	*Low	Medium	High			
3	Voltage Cutoff Type	*Soft	Hard				
4	LiPo Cells	*Auto Calc.	6S	8S	10S	12S	14S
5	Cutoff Voltage	Disabled	*Low	Medium	High		
6	Start-up Mode	*Normal	Soft	Very Soft			
7	Timing	5°	10°	*15°	20°	25°	25°
8	Active Freewheeling	*On	Off				
9	Search Mode	*Off	5min	10min	15min		

Model (Regular)	Cont./Peak Current	Input	BEC Output	Weight	Size (L x W x H)
SkyWalker 120A V2	120A/150A	3-8S LiPo	Switch Mode:5V/6V/7.4V/8.4V,10A/30A	117g	83 x 35 x 22mm
SkyWalker 130A V2	130A/160A	6-14S LiPo	No BEC	253.2g	104 x 48 x 29mm
SkyWalker 160A V2	160A/200A	6-14S LiPo	No BEC	262.8g	104 x 48 x 29mm