Skywalker V2

50A

80A

100A

| High Quality & Reliable | Reverse Brake | DEO Technology/ Active Freewheeling | Programmable Parameters | Search Mode | Multiple Protections |

Reverse Brake

With Reverse Brake and Linear Reverse Brakes mode enabled can effectively shorten the landing distance of the aircraft to simulate the landing of a real aircraft. Normal Brake Mode and Brake Disabled mode are also available; the brake amount is adjustable in normal brake mode. (This is HOBBYWING's registered patented)

High Quality & Reliable

High-performance **32-bit ARM M0** processor running up to **96MHz**, support maximum speed up to **300,000 RPM** (2-pole motor).High quality, and reliability makes the SKYWALKER V2 series very cost effective.

ARM M0 96MHz

Programmable Parameters

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

DEO Technology / Active Freewheeling

The DEO technology (Driving Efficiency Optimization) implemented in the ESC has multiple advantages. Fast and smooth throttle response, better stability and flexibility during flight. Higher driving efficiency, longer flight times. Lower ESC temperature, more reliable operation.

Search Mode

Search mode can help users find their aircraft by pulsing the motor to beep after the aircraft falls into a visually obstructed environment and is difficult to find. This mode can also be used to prompt the user to disconnect the battery of an ESC that has not been working for a set time to prevent the battery from running out of power and being damaged.

Multiple Protections

Multiple protection features include abnormal input voltage, ESC thermal, throttle signal loss (or Fail Safe), and low voltage cutoff effectively prolongs the life of the ESC

| Abnormal Input voltage | Low voltage Cutoff | ESC thermal | Throttle Signal loss |

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

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

Model (Regular)	Cont. Current	Peak Current	put Voltage	BEC Output	Weight	Size (L x W x H)
Skywalker 40A V2	40A	60A	3-4S LiPo	5V @ 5A (Switch-mode)	36g	60 x 25 x 8mm
Skywalker 50A V2	50A	70A	3-4S LiPo	5V @ 5A (Switch-mode)	36g	60 x 25 x 8mm
Skywalker 80A V2	80A	100A	3-6S LiPo	5V @ 7A (Switch-mode)	79g	85 x 36 x 9mm
Skywalker 100A V2	100A	120A	3-6S LiPo	5V @ 7A (Switch-mode)	92g	85 x 36 x 9mm