SkyWalker V2

20A Mini

15A

30A Mini

20A

40A

30A

60A

50A

100A

80A

| 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 Brake Mode and Brake Disabled mode are also available;
the brake amount is adjustable in normal brake mode.
(HOBBYWING's exclusive Patent)

Exceptional Quality with Tested Reliability

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, the most cost effective option.

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

Our DEO technology (Driving Efficiency Optimization) implemented
within the ESC has multiple advantages for the user. Fast and smooth
throttle response, better stability and flexibility during flight.
Higher driving efficiency, with longer flight times, mean lower ESC
temperatures, while still maintaining reliable operation.

Search Mode

With Search Mode enabled, users are now able find their missing aircraft.
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, 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	Input Voltage	BEC Output	Weight	Size (L x W x H)
SkyWalker 15A V2	15A	30A	2–3S LiPo	Linear Mode: 5V, 2A	10g	38 x 17 x 5mm
SkyWalker 20A V2 Mini	20A	40A	2–4S LiPo	Switch Mode: 5V, 2A	15g	34 x 15 x 10mm
SkyWalker 30A V2 Mini	30A	50A	2–4S LiPo	Switch Mode: 5V, 3A	23g	44 x 18 x 10mm
SkyWalker 20A V2	20A	40A	2–3S LiPo	Linear Mode: 5V, 3A	19g	45 x 23 x 8mm
SkyWalker 30A V2	30A	50A	3–4S LiPo	Switch Mode: 5V, 5A	33g	60 x 25 x 8mm
SkyWalker 40A V2	40A	60A	3–4S LiPo	Switch Mode: 5V, 5A	36g	60 x 25 x 8mm
SkyWalker 50A V2	50A	70A	3–4S LiPo	Switch Mode: 5V, 5A	36g	60 x 25 x 8mm
Skywalker 50A–6S V2	50A	70A	3–6S LiPo	Switch Mode: 5V, 6A	68g	73 x 30 x 12mm
SkyWalker 60A V2	60A	80A	3–6S LiPo	Switch Mode: 5V, 7A	68g	73 x 30 x 12mm
SkyWalker 80A V2	80A	100A	3–6S LiPo	Switch Mode: 5V, 7A	79g	85 x 36 x 9mm
SkyWalker 100A V2	100A	120A	3–6S LiPo	Switch Mode: 5V, 7A	92g	85 x 36 x 9mm