Platinum 80A V4
Platinum 120A V4

Competition Brushless
Electronic Speed Controller

High Voltage Built-in BEC

The built-in switch mode BEC with an adjustable voltage range from 5V to 8V, a continuous current of over 10A and peak current of 25A can supply enough power for your HV servos to operate at their peak.

** Platinum 60A V4 ESC is featured by a built-in switch mode BEC with continuous current of over 7A and peak current of up to 18A.*

High Voltage
Built-in BEC

Other Features

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A separate program port for connecting programmer on this ESC allows user to

- Program ESC,
- Check flight data include minimum voltage, maximum temperature, standardized RPM and speed curve (in Heli Governing Store mode) of the flight parameters recorded by the ESC,
- Upgrade ESC firmware with a mutifunction LCD program box or a WiFi Module & our Apple/Android phone App.

Super Soft
Start-up

Super Soft Start-up

Platinum V4 serial products allows the motor to start extremely smooth and avoids tail-drift issues that helicopters experience. The start-up time is adjustable from 8 to 25 seconds, this will definitely create a perfect starting point for every flight.

Multiple
Protections

Multiple Protections

Multiple protection features include ESC thermal, capacitor thermal (HOBBYWING-patented technology), ESC overload, throttle signal loss(or Fail Safe), and low voltage cutoff effectively prolongs the service life of the ESC.

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Excellent Motor
Speed Governing

Excellent Motor Speed Governing

High-performance 32-bit processor with a prossesing frequency of 72MHz combined with advanced algorithm optimizes the speed governing. Together with the adjustable governor parameters it will guarantee every pilot a precise and efficient control experience.

Four Brake Modes

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This Platinum 80A V4 ESC has “Brake Disabled, Normal Brake, Proportional Brake and Reverse Brake” four brake modes. The brake amount is adjustable in normal brake mode; in proportional brake mode, the brake force will be automatically selected based on the position of radio throttle stick; in reverse brake mode, the motor rotation can be changed via a spare transmitter channel.

DEO Technology

The DEO (Driving Efficiency Optimization or so-called “Active Freewheeling”) technology implemented in the ESC has multiple advantages.

- A very Rapid response to throttle change.
- Higher driving efficiency, longer flight time.
- Lower ESC temperature and a much more reliable operation during flight.

Rapid Throttle
Response

Longer flight and
better throttle linearity

Lower Working
Temperature

Model	Main Applications	Input Voltage	Cont./Peak Current	BEC Output	Programming (PRG)/Fan Port	Input/output Wires	Weight/Size
Platinum 80A V4	380-500class Helis	3-6S LiPo	80A/120A (in 10 seconds)	5-8V@10A	For connecting LCD Program Box/ WiFi module or Fan.	12AWG/ 12AWG	96g 84x38x20mm
Platinum 120A V4	550 class Helis	3-6S LiPo	120A/150A (in 10 seconds)	5-8V@10A	For connecting LCD program box/ WiFi module or Fan.	12AWG/ 12AWG	107g 84x38x20mm