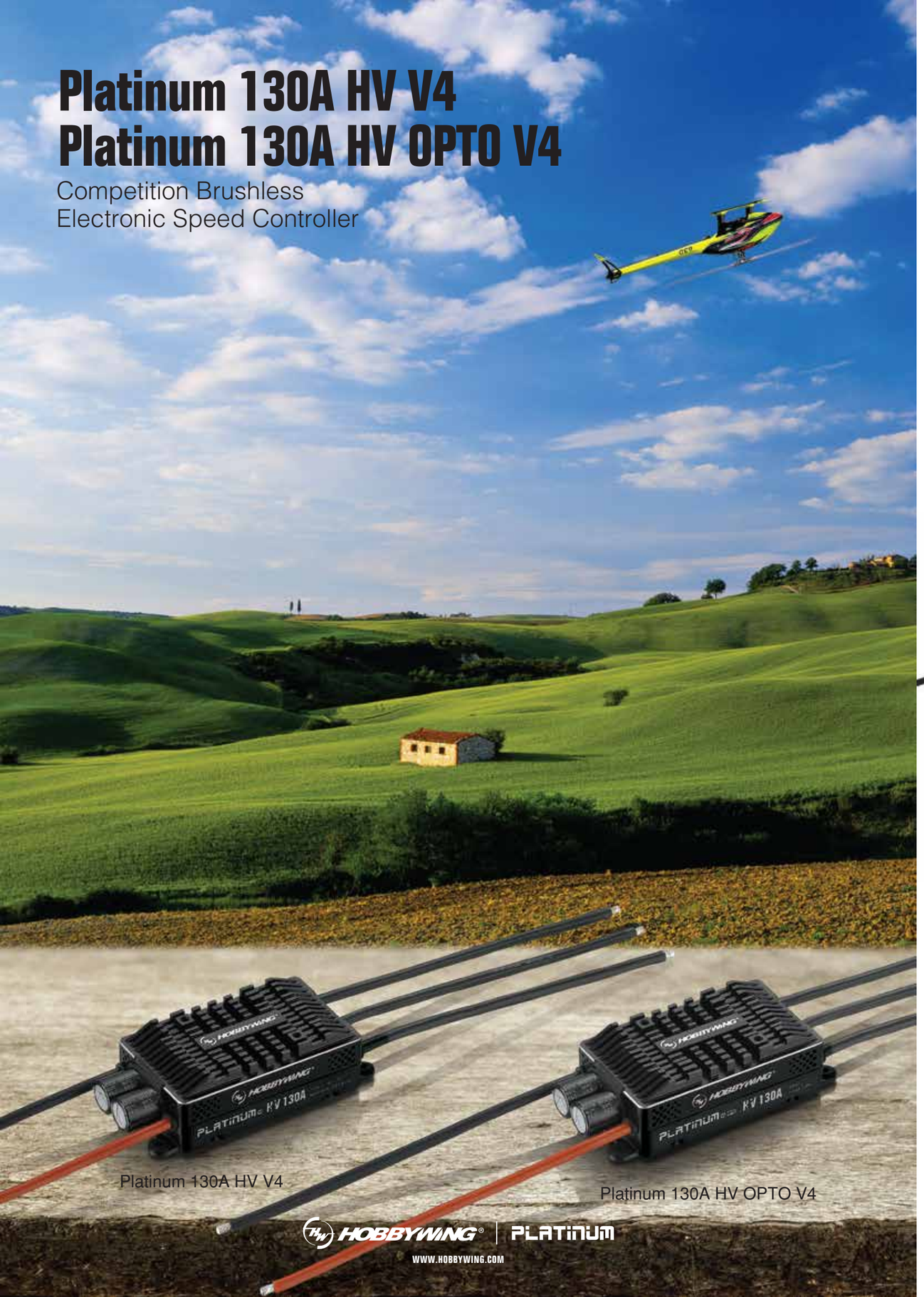
Platinum 130A HV V4
Platinum 130A HV OPTO V4

Competition Brushless
Electronic Speed Controller



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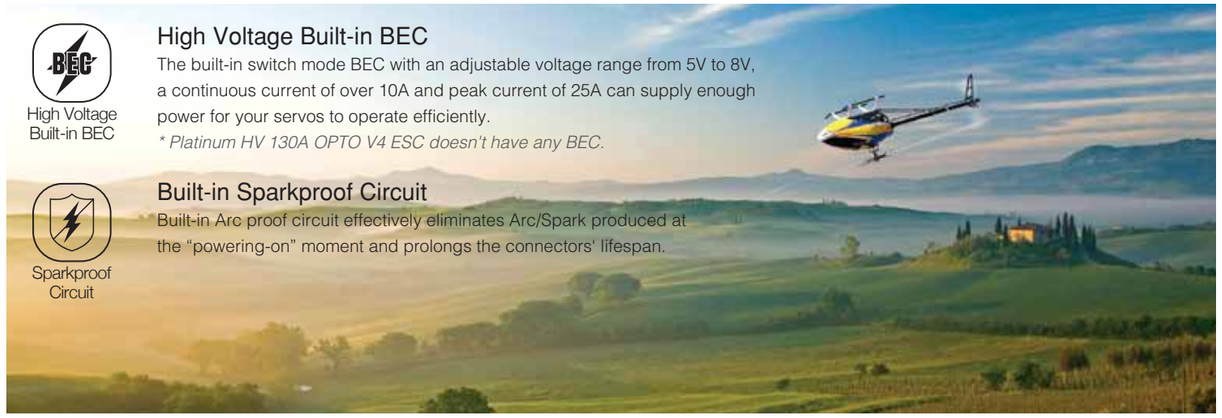

High Voltage Built-in BEC

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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 servos to operate efficiently.

** Platinum HV 130A OPTO V4 ESC doesn't have any BEC.*

Sparkproof Circuit

Built-in Sparkproof Circuit

Built-in Arc proof circuit effectively eliminates Arc/Spark produced at the "powering-on" moment and prolongs the connectors' lifespan.

Other Features

Other Features

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

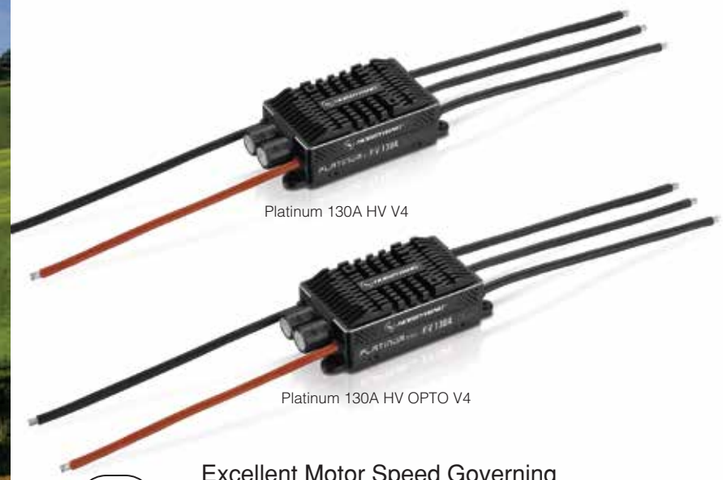
Super Soft Start-up

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

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

Four Brake Modes

Four Brake Modes

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 allotted 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.

- Rapider response to throttle change.
- Higher driving efficiency, longer flight time.
- Lower ESC temperature and a more reliable operation.

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	Throttle Signal/ RPM Signal Transmission	Input/output Wires	Weight/Size
Platinum HV 130A V4	600 class Helis	6-14S LiPo	130A/160A (in 10 seconds)	5-8V@10A	For connecting LCD program box/ WiFi module or Fan.	Via Optical Coupler	12AWG/ 12AWG	169g 101x45.5x27mm
Platinum HV 130A OPTO V4	600 class Helis	6-14S LiPo	130A/160A (in 10 seconds)	No	For connecting LCD program box/ WiFi module or Fan.	Via Optical Coupler	12AWG/ 12AWG	168g 101x45.5x27mm