Platinum HV 160A V4
Platinum HV 200A OPTO V4

Brushless Electronic Speed Controller

Platinum HV 160A V4

Platinum HV 200A OPTO V4

Innovative Heat Dissipation Structure

The innovative "duo" stacking structure allows all components on both sides of the printed circuit boards to quickly conduct heat to the aluminum case.

One of a kind Design

The elegant cases are made by Aluminum. Each cooling slot and its fin were carefully designed and arranged, and the case has gone through oxidation, coloring and edge-highlighting.

Excellent Motor Speed Governing

High-performance 32-bit processor combined with advanced algorithm makes the motor speed-governing excellent for different conditions. With the adjustable sensitivity of speed-governing, every pilot can find the most suitable settings for his helicopter.

New Platinum HV 160A

120 MHz

Previous Platinum ESC

50 MHz

Operating Frequency

Platinum HV 160A V4

Platinum HV 200A OPTO V4

Super Soft Start-up

Platinum-HV-160A makes the motor start extremely soft and avoids tail-drift issues of helicopter. The start-up time is adjustable within 8 to 25 seconds, this will definitely create a perfect starting point for every flight.

New Platinum HV 160A

8-25 s

Previous Platinum ESC

11 s

Startup Time

Super BEC

The built-in switch mode BEC with a continuously adjustable output voltage, range from 5V to 8V(step: 0.1V). It is certain to put out the power you need for rapid, precise steering servo operation.

BEC Output Voltage

Continuously Adjustable 5-8 v

BEC Output Current

Continuous 10 A / Peak 25 A

Built-in Sparkproof Circuit

Built-in sparkproof circuit effectively eliminates sparks produced at the "powering-on" moment and prolongs the connectors' lifespan.

Sparkproof Circuit

Great Current Endurance

A high quality, and high voltage MOSFET with a great current endurance guarantees the ESC's safety especially in a extremely high power demanding situation.

1 Mosfet
100V /80A

42 Mosfets

Model	Main Application	Input Voltage	Cont./Peak Current	BEC Voltage	Programming (PRG)/Fan Port	Throttle Signal/ RPM Signal Transmission	Input/output Wires	Weight/Size
Platinum HV 160A V4	700-800 class Helis	6-14S Lipo	160A/200A (in 10 seconds)	5-8V (step: 0.1V)	For connecting the LCD program box/WiFi module or Fan	Via Optical Coupler	10AWG 10AWG	282g (with input & output wires soldered to ESC) 106x50x34mm
Platinum HV 200A OPTO V4	800 class Helis	6-14S Lipo	200A/250A (in 10 seconds)	NO BEC	For connecting the LCD program box/WiFi module or Fan	Via Optical Coupler	10AWG 10AWG	305g (with input & output wires soldered to ESC) 106x50x40mm