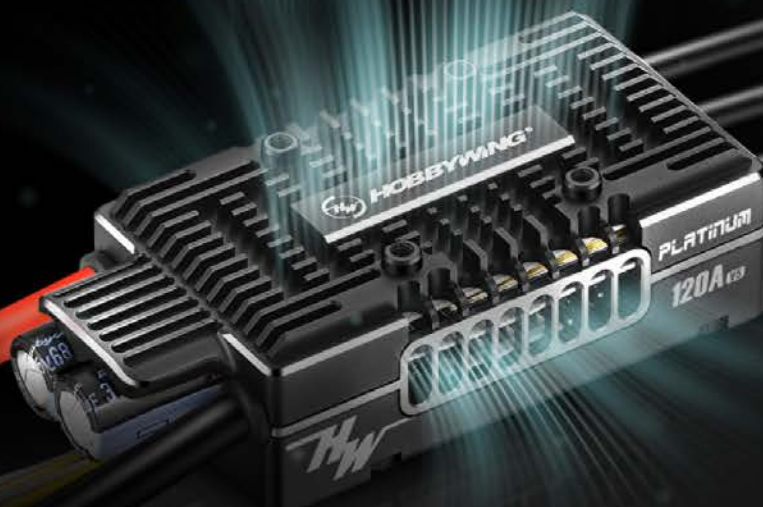


PLATINUM 120A V5 SBEC

Brushless ESC



significantly improved
heat dissipation



Built-in 12V
Switch BEC



Constant speed
performance upgrade



Support multiples
backhaul protocols



Multiple
advantages



Multiple
protections



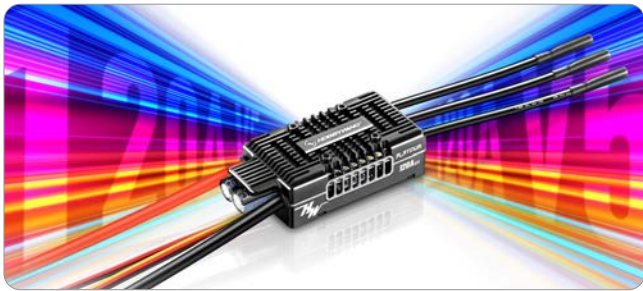
Supports multiple telemetry protocols

Support Mikado VBar System, Futaba S.BUS2 and other devices' telemetry protocols. Users are able to adjust parameters on the remote-control device (VBar protocol support) or check the working status of the ESC at any time.

Compact size with efficient heat sink design

The Platinum V5 Series features a new double sided heat sink with additional "side windows" for better cooling. The air is able to pass through the internal components of the ESC and dissipate any heat efficiently. This design is able to cool every component of the ESC with the use of the cooling fan. Significantly improving the capability of heat dissipation.

NOTE The new double-sided heat sink is patent pending. Please do not copy.



Synchronous rectification technology, multiple advantages

The ESC has synchronous rectification driving efficiency optimization technology (DEO---Driving Efficiency Optimization, Active Freewheeling), which brings multiple advantages.

Faster throttle response.enhanced flight stabilityand flexibility.
Higher driving efficiencyand longer battery life-span.
Lower ESC temperature rise.more reliable.

Multiple protections, extra safety

It has multiple protection functions, to effectively prolonging the lifespan of the ESC.



Start-up protection



Current protection



Temperature protection



Overload protection



Throttle signal loss protection



Input voltage abnormality protection

Platinum 120A V5

Continuous/instantaneous current: 120A / 150A

Input voltage: 3-8S LiPo battery

BEC Output: Switch Mode BEC; output voltage 5-12V adjustable(adjusted 0.1V); output current Cont. 10A, Peak 30A

The input/output wire: 1 x black and 1x red 10AWG silicone wires / 3 x black 12AWG silicone wires

Built-in 12V Switch BEC for greater output capability

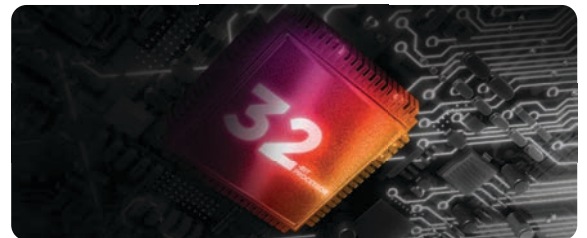
Instantaneous highcurrent with a built-in 12V programmable BEC,the maximum output voltage 12V (5-12V adjustable), maximum output current up to 35A. The high-power BEC has added an anti-reverse circuit to use parallel with external batteries at the same time to provide double protection.



Constant speed performance upgrade, Ultimate flight experience

The 32-bit processor combined with the RPM accuracy algorithm makes the ESC more powerful and more consistent, maximizing the RPM accuracy to enhance overall performance.

Compared with the previous ESC,The RPM accuracy algorithm makes the ESC more powerful and more consistent.The adjustable constant speed sensitivityallows every pilot to easily find a setting that suites their flying style.



Independent parameter programming interface:

Connect LCD program box or OTA module, or to power the cooling fan

LED light: Display the statuses and fault alerts

Size/Weight: 83.2*37.1*22.5mm / 150.4g (with wires, No fan)

The scope of application:

420-520 class electric helicopter (Main blade length 420-520mm),or fixed-wing