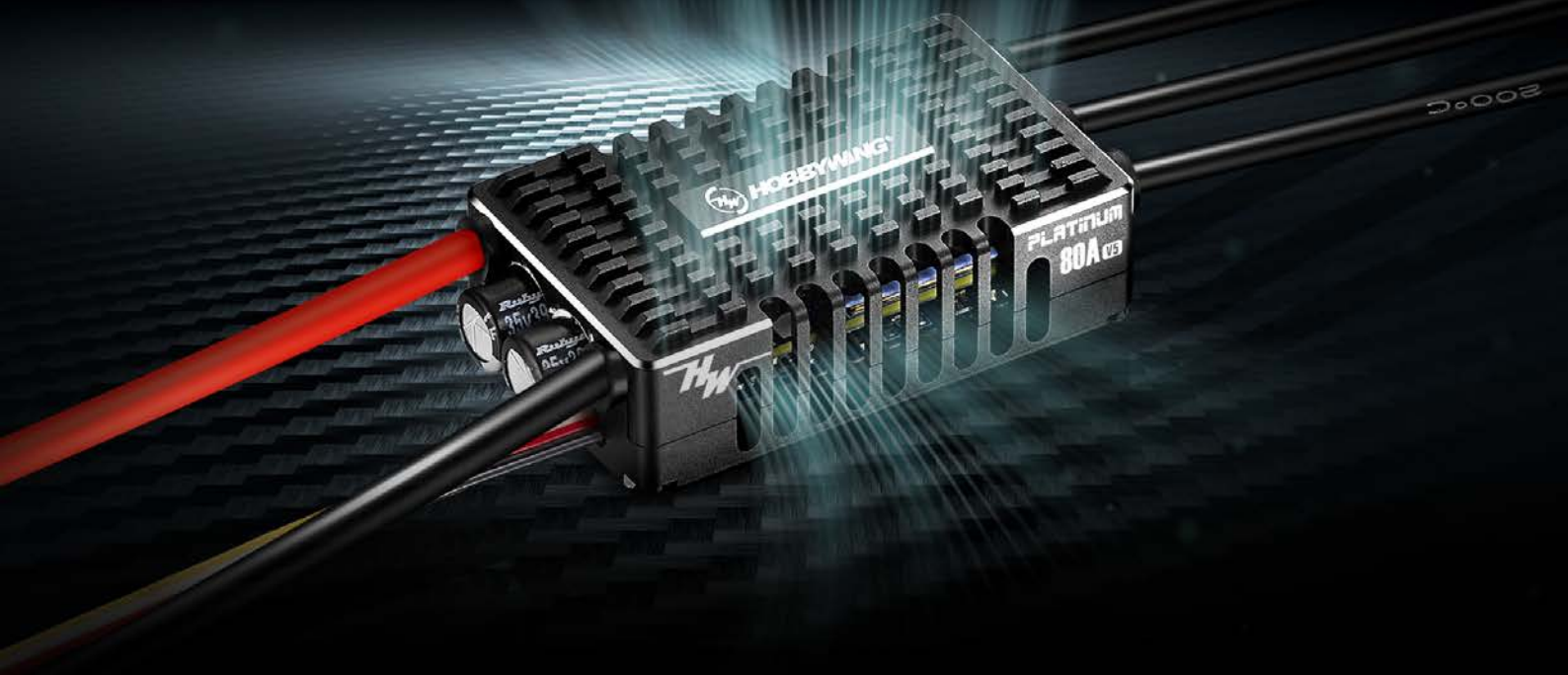


PLATINUM 80A V5

Brushless ESC



significantly improved
heat dissipation



Built-in 12V
Switch BEC



Constant speed
performance upgrade



Support multiples
backhaul protocols



Multiple
advantages



Multiple
protections

Support multiples protocols, versatile

Support Mikado VBar System, Futaba S.BUS2 and other devices' data return 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 the newly designed heat sink, that will cool with the airflow generated by the movement of the craft. This new design allows for external cooling of the ESC as well as internally.

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, double security

It has multiple protection functions including starting protection, current protection, temperature protection, overload protection, throttle signal loss protection, and input voltage abnormality protection, to effectively prolonging the lifespan of the ESC.



Start-up protection



Current protection



Temperature protection



Overload protection



Throttle signal loss protection



Capacitor temperature protection



Input voltage abnormality protection

Platinum 80A V5

Continuous/instantaneous current: 80A / 120A

Input voltage: 3-8S LiPo battery

BEC Output: Switch Mode BEC; output voltage 5-12V adjustable(adjusted 0.1V); output current Cont. 8A, Peak 20A

The input/output wire: 1 x black and 1 x red 12AWG silicone wires / 3 x black 14AWG silicone wires

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: 60.5*33*17.6mm / 77.5g (with wires)

The scope of application:

325-420 class electric helicopter (Main blade length 325-420mm), or fixed-wing

Built-in 12V Switch BEC for greater output capability

Built-in Programmable Switch BEC, the maximum output voltage 12V (5-12V adjustable), maximum output current up to 25A.



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. Excellent speed control effects for lightweight, small-sized electric helicopters.

32-BIT PROCESSOR

