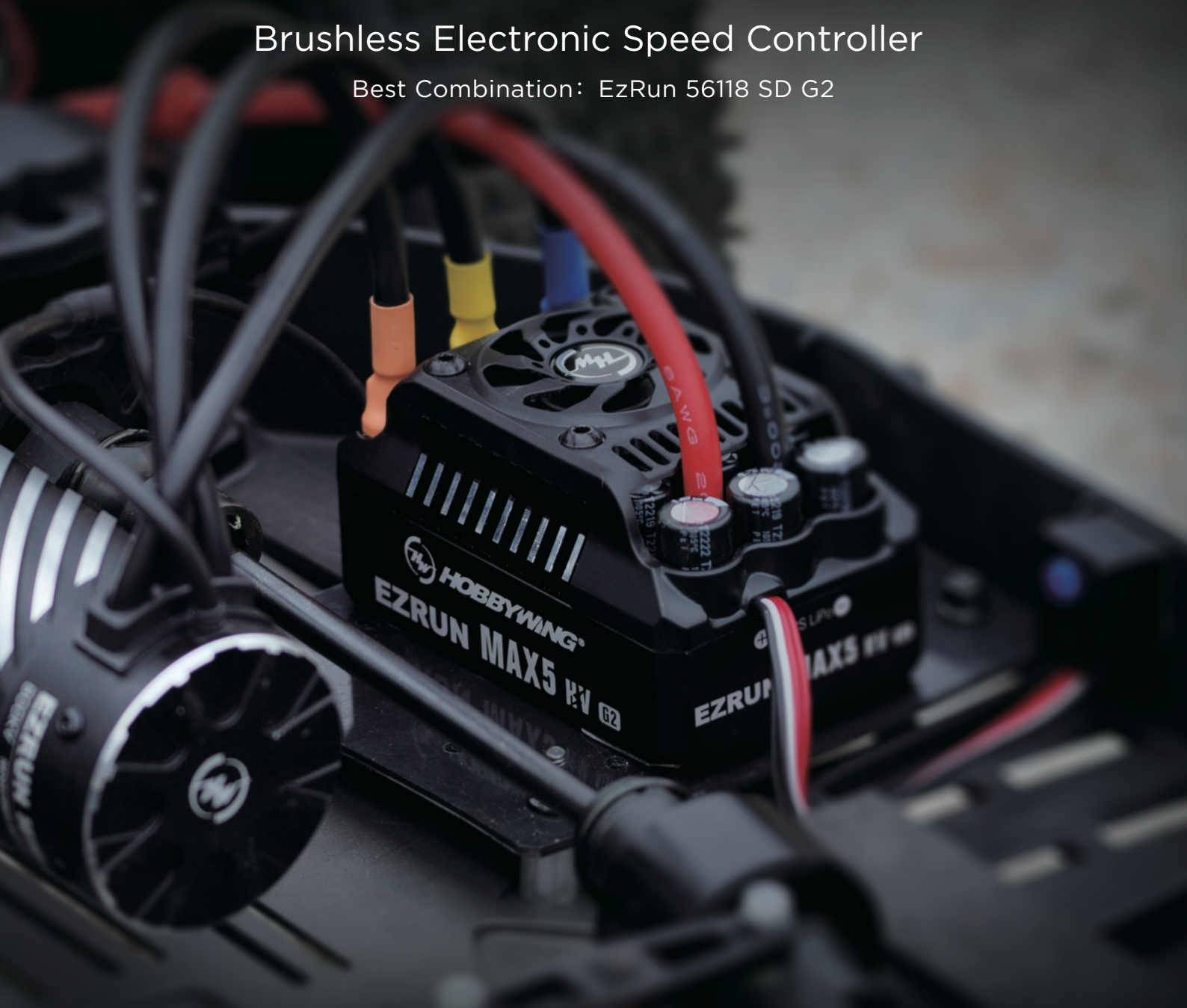


EzRun MAX5 HV G2

Brushless Electronic Speed Controller

Best Combination: EzRun 56118 SD G2



Sensed mode



Intelligent freewheeling technology



all-weather operation



Turbo timing technology



Capacitor upgrade



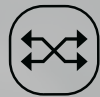
Powerful BEC



Built-in anti-spark design



Record and store data in real time to keep



Perfect combination with



New sensor wire interface

EzRun MAX5 HV G2

Sensored mode, enhanced performance

The Max5 HV G2 ESC is designed to work in full-sensored mode at all times when it is paired with HOBBYWING EzRun 56118 SD G2. The maximum output current of the ESC is as high as 250A. The stable output power, together with an excellent low-speed linearity, ensures the ESC meets various application requirements such as; hard launches, straight-line high-speed, jumps, low speed crawling, etc.

Intelligent freewheeling technology, strong drive low temperatures

The innovative intelligent freewheeling technology effectively reduces heat generation and enables the ESC to have higher driving efficiency. At the same time, operating temperature is drastically lowered to improve overall stability and reliability of the ESC.

High protection level, all-weather operation

The IP-67 waterproof rating guarantees excellent waterproofing and dustproof protection. The whole power system is able to drive on a variety of surfaces including mud, sand, ice, snow and water without damaging the power unit.

Note: The IP67 protection level mentioned above is splash-resistant, water-resistant and dust-resistant under normal use, and splash, water and dust resistance are not permanently effective, and the level of protection may decline due to aging. Do not soak for a long time to avoid damaging the product.

1/5th scale power system Turbo timing technology

The ESC is able to support up to 24 degrees of Turbo Timing adjustment. There is an approximate of 18% increase in performance and is recommended to pair with the new HOBBYWING EzRun 56118 SD G2) motors to get the best performance.

Note: For non-Hobbywing EzRun 56118 SD G2 motors, Turbo timing cannot be turned on.



Capacitor upgrade, more secure protection

Compared with the previous generation (MAX5 ESC), the total capacity of the capacitor has increased by 45% (1260uF). The super large capacity ensures that 5th scale models do not need external capacitors. In addition, the built-in capacitor thermal protection function of the ESC is always in safe operating state.

Powerful BEC

The ESC has a built-in super BEC with a maximum output current of up to 25A. The output voltages are switchable between 6V/7.4V/8.4V. This ensures that the ESC is able to support the demanding high-torque servos in the market.

Built-in anti-spark design, multi-directional protection

The ESC has a built-in anti-spark circuit to protect the battery plug from damaging upon using a higher voltage battery(6-12S), and avoids any injuries.

Perfect combination with EzRun 56118 SD G2 motor

Achieve the perfect compatibility when used together with EzRun 56118 SD G2 motors. Avoid damaging the motor from overheating with the software protection function.

Note: Non-Hobbywing EzRun 56118 SD G2 motors cannot realize motor overheat protection

Record and store data in real time to keep track of the running status

Connect the ESC to the OTA Bluetooth module, and through the mobile phone APP, you are able to view real-time data and operating status such as; throttle, voltage, current, temperature, speed, etc.

Note: Due to the Bluetooth transmission distance, the effective distance is only about 5m!

New sensor wire interface, upgraded waterproof protection

The new sensor wire interface enhances the ESC protection level and solves waterproof problems faced by traditional interfaces.

Please Note: This ESC supports sensored motors with common interfaces. Sensor wire needs to be purchased separately!

EzRun MAX5 HV G2

Applications: 1/5th Buggy, Truck



Buggy



Truck

Cont. / Peak Current: 250A / 1600A

Motor Type: Sensored / Sensorless Brushless Motor

Motor Limit (Note*): With 8S Lipo: KV ≤ 1200

With 12S Lipo: KV ≤ 800 56118 size motor

BEC Output: 6V/7.4V/8.4V adjustable, continuous current 8A (Switch-mode)

Cooling Fan: A stable 6V or 7.4V or 8.4V from the built-in BEC

Size / Weight: 94.5(L) x 59.4(W) x 50.9(H)mm / 428.5g (Included input wires)

Lipo Cells: 6-12S Lipo

Programming Port:

Independent programming port