

# EzRun MAX5 EzRun MAX6

1:5 & 1:6 Brushless Electronic Speed Controller



EzRun MAX5



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## Great Flexibility & Versatility

With incredible acceleration capabilities and a rock-solid, stable output, the MAX5/6 can handle instant full-torque start-ups for wheelies, high-speed racing on straightaways and powering through the bumpiest terrain. The user will have the choice of adjusting the ESC parameters as per his preference and ability.



Powerful Acceleration & Abundant Output



Multiple Real-time Overload Protections

## High Reliability & Durability

Built with the most rugged and high-quality components and coupled with cutting-edge firmware, the EZRUN MAX5/MAX6 is able to deliver unmatched power and performance for even the most hardcore of racing applications, but is also responsive enough to protect itself from damage due to overloading due to physical abuse, overuse or even human error.



Applicable to All Weather Conditions

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The waterproof and dust-proof design allows the MAX5/MAX6 to be used in all weather conditions without any issue of damage caused to the ESC from water or dust.



Maintenance Free

## Maintenance Free

The ESC minus the cooling fan is basically maintenance free. The cooling fan is designed to be shockproof, which in turn will reduce damage brought on by frequent vehicle high jumps and landings on hard surfaces.



High Voltage Built-in BEC

## High Voltage Built-in BEC

The MAX5/MAX6 has adopted the world's first HV built-in BEC with an output current of up to 25Amp and a switchable output voltage of 6V-7.4V. The high voltage BEC is designed to handle today's high voltage servos on demand used by large scale vehicles.



Regular Firmware Updates Free of Charge

## Regular Firmware Updates Free of Charge

You can upgrade the MAX5/MAX6 with the Hobbywing USB LINK software, a multifunction LCD program box and a laptop. Hobbywing updates its ESC firmware regularly giving you upgraded features more often when available.



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## Wide Range of Applications

(MAX5 Applications:) The EZRUN MAX 5 provides the ultimate power upgrade solution for many popular 1/5<sup>th</sup> scale vehicles like HPI Baja buggy, Losi 5IVE-T Nitro-to-Electric truck, and Desert Buggy XL Nitro-to-Electric buggy. It's also suitable for various other brand of 1/5<sup>th</sup> scale on-road cars, truggies, SCTs and buggies.



Advanced and Secure Electronic Switch

## Advanced and Secure Electronic Switch

The MAX5/6 features an electronic switch with a lifespan of over 50000 on/off cycles, housed in a completely waterproof, dust-proof and shock-resistant design.



Sparkproof Circuit

## Built-in Anti-Spark System

The MAX5/6 is built with internal anti-spark circuitry that protects not only battery connectors from damage but helps to prevent physical injury due to burnt fingers from the inevitable issue of sparking when hooking up the ESC to higher voltage battery packs (5S/6S/7S/8S).



Wide Range of Applications



(MAX6 Applications:) This ESC is applicable to various 1/6<sup>th</sup> & 1/7<sup>th</sup> scale vehicles like the Traxxas XO-1, and also suitable to various 1/8<sup>th</sup> scale heavy vehicles like the CEN GST-E.

It's the ideal option for high-end aggressively powered builds.



Model	Current	Motor Type	Applications	Motor Limit	LiPo / NiMH Cells	BEC Output	Cooling Fan	Size/Weight	Programming Port
EzRun MAX5	200A/1300A	Sensored / Sensorless Brushless Motor (only in sensorless mode)	1/5 <sup>th</sup> Touring Car, Buggy, Truggy and Truck	With 8S LiPo: 58110 Size Motor (KV ≤ 1000)	3-8S LiPo	6V/7.2V Switchable, Continuous Current of 6A and Peak Current of 25A (Switch-mode BEC)	Powered by the stable BEC voltage of 6V/7.2V	93.4x58x47.8mm/ 342g	FAN / PRG Port
EzRun MAX6	160A/1050A		1/6 <sup>th</sup> Touring Car, Buggy, Truggy, Truck and 1/8 <sup>th</sup> Heavy Vehicles	With 6S LiPo/18S NiMH: KV < 1500 (5892 size motor) With 8S LiPo/24S NiMH: KV < 1200 (5892 size motor)				70x56x46.5mm/ 240g	