# EzRun MAX10 G2S

1/10 Sensored Brushless ESC

## Sensored Performance Across the Full Range

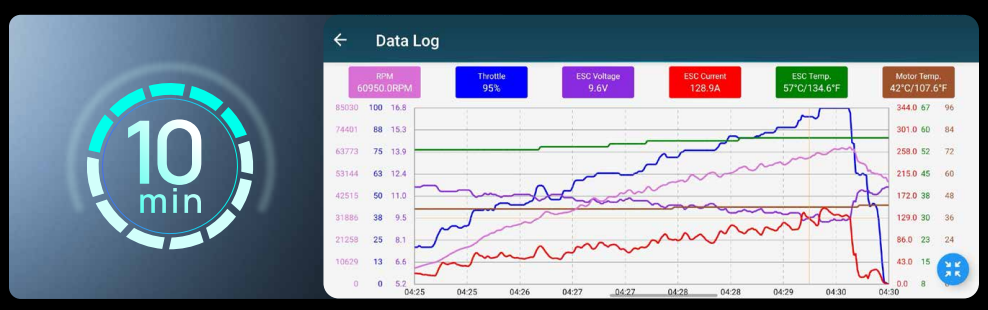
The EzRun MAX10 G2S sensored ESC is designed to deliver strong acceleration together with stable, linear power output. Instant throttle response allows for aggressive launches, while refined low-speed control improves precision in technical sections. Whether under hard acceleration, steady high-speed running or over jumps, the system maintains consistent power delivery, offering enhanced control and improved overall drivability across the entire speed range.

# Integrated Bluetooth Connectivity

The ESC features a built-in Bluetooth module within the power switch, allowing direct connection to the HW LINK App without the need for additional programming devices. Users can conveniently adjust parameters, access data logs and perform firmware updates via smartphone, making setup and maintenance straightforward and efficient.

Note: The data includes throttle input, voltage, current, temperature, speed, etc.

# Integrated Data Logging




The ESC incorporates an internal data logging function capable of recording up to 10 minutes of the most recent runtime data. After each run, users can connect via the HW LINK App to review stored data in graphical format. This allows convenient monitoring of key operating parameters and provides a clear overview of both ESC and motor performance.

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

# Adjustable 3-Step BEC Output

The ESC features an integrated high-performance BEC with a maximum output current of up to 10A. Output voltage is adjustable between 6.0V, 7.4V and 8.4V, allowing compatibility with both standard and high-voltage servos.It ensures stable and consistent power delivery, providing reliable performance across a wide range of applications.

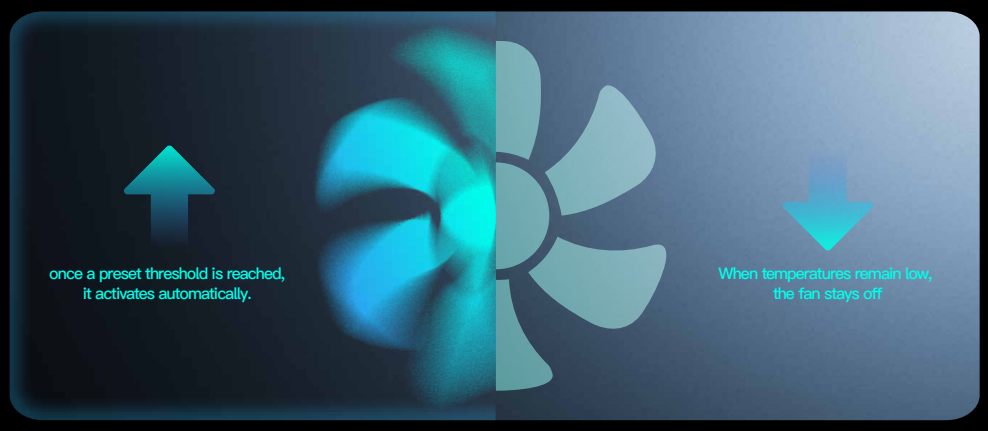
Note: Stable 7.4V/8.4V output requires a 3S or higher battery.

# Efficient Cooling System

The ESC features a frameless fan design that enables high airflow discharge from the sides, improving overall cooling efficiency. Combined with an integrated heatsink housing, heat generated during operation is rapidly dissipated. This helps maintain stable operating temperatures, ensuring consistent performance even under demanding conditions.

# Intelligent Fan Control

The ESC is equipped with an intelligent fan control system that automatically adjusts fan operation based on real-time temperature. When temperatures remain low, the fan stays off, and once a preset threshold is reached, it activates automatically. This system helps reduce noise and power consumption while maintaining accurate and efficient thermal management.




# Turbo Timing Technology

The ESC supports adjustable Turbo timing up to 32 degrees. When paired with HOBBYWING EzRun 3652/3665 G3 motors, the system delivers a noticeable Turbo effect, with maximum RPM increased by up to approximately 25%. This provides enhanced top-end performance while maintaining controlled power delivery.

Note: Turbo function cannot be enabled for non-Hobbywing motors.

# IP67 Protection

Rated to IP67 standards, the ESC offers strong resistance against water and dust particles. This level of protection allows reliable operation in a wide range of weather conditions and demanding environments.

# Capacitor Thermal Protection

The ESC features built-in capacitor overheat protection designed to reduce the risk of damage caused by excessive load conditions. By preventing potential capacitor failure, the system adds an additional layer of safety and helps protect the ESC from severe damage.

# Dual Programming Options

The ESC offers two convenient methods for parameter adjustment. Users can connect wirelessly via Bluetooth using the HW LINK smartphone app, or with a LCD programming box. These options provide flexibility across different usage scenarios, allowing drivers to tune the system according to their personal preference.