

## Hobbywing 10.5 Motor



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Rating: Not Rated Yet

**Price**

Sales price £94.95

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## Description

The Hobbywing Xerun V10 10.5T Black G3 Motor (HW30401112) is engineered for high-level 1/10 stock-class racing and drifting. Compared with the previous V10 G2 Stock, the G3 delivers a 16% KV uplift and 4% more torque, while the lightweight build and optimised can design enhance cooling and efficiency. A high-precision Hall sensor and balanced rotor provide exceptionally smooth, linear throttle response.

This 10.5T Stock variant offers finely adjustable mechanical timing from 30° to 60°, with clear rear end-plate markings to help set and retain your preferred value. The rebuildable design, heat-resistant 200°C windings and rotor, high-strength bearings and robust copper solder tabs support long-lasting, consistent performance. The case is engineered to improve airflow around the stator, with additional machining on stock winds (10.5T–21.5T) to further reduce heat. The motor is compliant with IFMAR, ROAR, EFRA and BRCA rules, and certified to RoHS, CE and FCC.

## Features

- High precision Hall sensor
- Specially designed for extremely high level racing
- Rebuildable design
- High performance stator core
- Heat resistant wire
- Heat resistant precision rotor
- Compliant with IFMAR, ROAR, EFRA, BRCA

## Timing Guidance

For G3 Stock motors (10.5T–25.5T) the default timing is 40°. Increasing timing can raise RPM but will also increase temperature and reduce efficiency. Ensure your ESC is correctly programmed and adjust gearing appropriately before altering timing. After changes, monitor motor temperature (e.g., via an IR thermometer, Hobbywing LCD program box or WiFi Link app). If temperatures are too high, allow the motor to cool, then reduce timing or increase FDR and retest.

## Specifications

- Scale: 1/10th On-road Stock Class, 1/10th Drifting
- Brushed/Brushless: Brushless
- Sensored/Sensorless: Sensored
- Pole Count: 2
- KV Rating: 4500KV (no load)
- Turns: 10.5T
- LiPo Cells: 2–3S
- No-load Current (A): 5.5
- Resistance (m?): 0.0158
- O.D: 35.9mm
- Length: 50.5mm
- Shaft Diameter: 3.17mm
- Shaft Length: 14mm
- Rotor Diameter: 7.3–12.5
- Weight: 133g
- Timing: 20–60 Degrees (motor dependant)

## Reviews

There are yet no reviews for this product.