

2800KV / 4000KV / 4600KV

# XeRun 2848

Sensored motor.



specifically designed for 14<sup>th</sup> scale competitions



High efficiency



Low temperature rise



The protection level is IP5X



Supports CW/CCW two-way adjustment



Low cogging moment



Easy to disassemble and maintain



Industry-leading materials

# High power output, designed for heavy duty 14<sup>th</sup> scale applications.

Power output is up by up to

# 15%

when compared to motors of equal size and specifications.

It is the best choice for

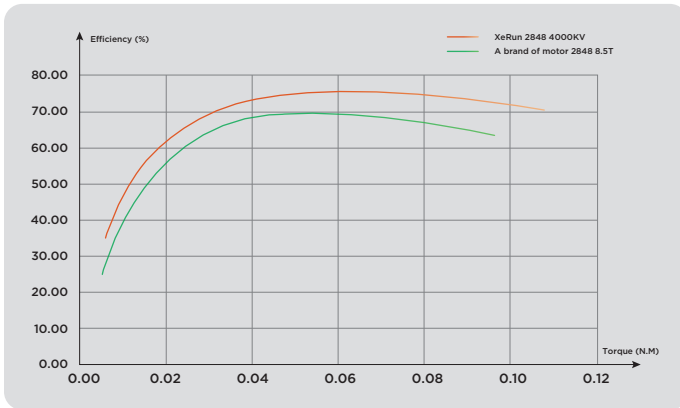
# 1/14<sup>th</sup>

scale competitions.



## High efficiency, low temperatures

Using a 0.1N·m load test to compare the same specifications motors with our competitors, the maximum efficiency of the motor is 6% higher, the internal temperature is approximately 20°C lower, and the external temperature is 10°C lower. High efficiency and low temperature rise ensure that the motor is always in a safe state.



## Excellent dust resistance

The protection level is IP5X, with excellent dustproof performance. It is able to cope with various Off-Road dusty track environments.

## Mechanical endbell timing, allows the motor to be setup for CW or CCW rotation.

The mechanical timing can be adjustable between 20-40 degrees to meet the power demand for various application environments.

## Low cogging moment

The motor has a very low speed start up, offering extremely smooth and linear throttle response. (about 1/4 of popular brands), Extremely smooth and linear operation at low speed, with great control.

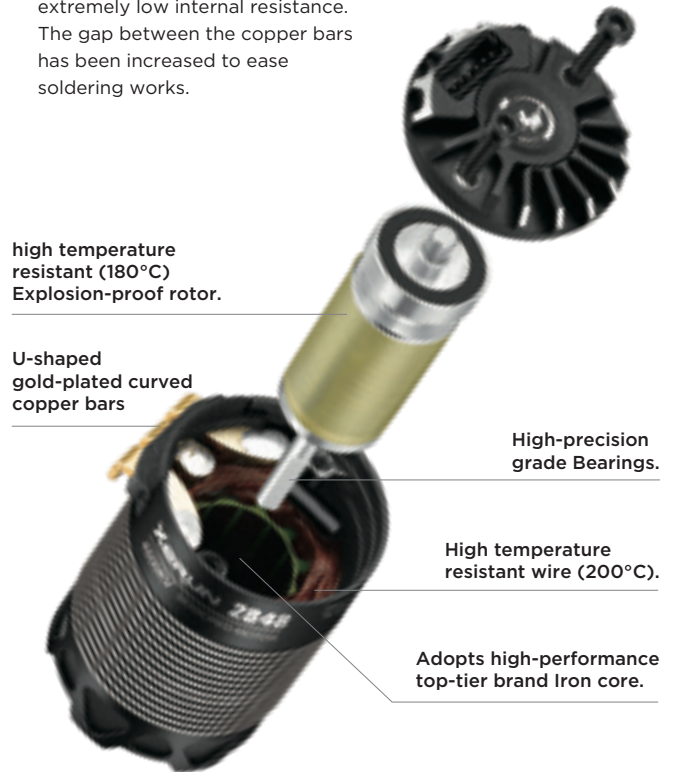


## Easy to maintain

The motor's modular design allows it be easily disassembled for cleaning and maintenance. This will prolong the motor life and maintain overall performance and efficiency.

## Industry-leading materials and excellent product design

At Hobbywing, we take pride in our manufacturing process and the high-quality materials we use to build a motor. We carefully select only the finest materials (stator, high temperature resistant wire(200°C), high temperature resistant explosion-proof rotor(180°C), high-precision grade bearings) that offer exceptional durability, maximum performance and consistency. The soldering terminals adopt customized widened U-shaped gold-plated curved copper bars that has extremely low internal resistance. The gap between the copper bars has been increased to ease soldering works.



## XeRun 2848 4600KV

Model: 1/14 & 1/12

On-road, Off-road



KV: 4600KV

LiPos: 2S

No-load Current: 2.6A

Diameter/Length: Φ=28.5mm(1.12in)

L=48mm(1.89in)

Shaft Diameter/Length:

Φ=3.175mm(0.13in) L=13.5mm(0.53in)

Bearing size: D9.525xD3.175xT3.9675mm (Front)

D6.35xD3.175xT2.778mm (Rear)

Poles: 4

Weight: 100g