



FOR IMMEDIATE RELEASE

## #1 in LiPo Battery Performance and Reliability Introduces Z3R™ Brushless Motors for Cars, Trucks and More

Thunder Power RC introduces the all-new Z3R 540-Class Sensored Brushless Motor Series; designed, developed and built to deliver maximum performance and reliability in a wide variety of RC surface vehicles.

**LAS VEGAS, NV. January 4, 2011** – Since 2008 Thunder Power RC Race Series LiPo batteries have set never-before-seen industry-leading standards in performance, reliability and longevity for electric-powered surface vehicles. They continue to be the batteries to have or be beat by at tracks world-wide while racking up long lists of local, regional and world championship wins and records in all forms and classes of racing. And now Thunder Power RC is excited to expand on this success, backed by a development team with a combined 20 years of brushless motor experience, and is proud to introduce the all-new Z3R-S Stock Spec and Z3R-M Modified 540-Class Sensored Brushless Motors for cars, trucks, buggies and more.

From oval to touring, stadium to short course and everything in between there's a Z3R 540 brushless motor perfect for out-powering the competition. Z3R-S Stock Spec motors are available in 10.5T, 13.5T, 17.5T and 21.5T winds, and Z3R-M Modified motors are available in 3.0T, 3.5T, 4.0T, 4.5T, 5.5T, 6.0T, 6.5T, 7.5T, 8.5T and 9.5T winds – all ROAR approved and ready to race at sanctioned events and beyond. Z3R motors are easy to maintain and tune with a fully re-buildable design and are supported by a full line of replacement and option parts, including ROAR approved tuning rotors, that keeps them optimized and on the track. Each motor is constructed from high-quality materials including a balanced, high-strength neodymium rotor, high-temperature coated copper wire and plated copper solder tabs, while features including easy-to-set adjustable timing from 0—50 degrees and fast-switching, high-temp sensors make it easy to maximize performance.

Designed and developed from the ground-up, tested rigorously and race-proven in the hands of top racers world-wide including Paul Lemieux and others, Z3R 540 brushless motors are built to deliver maximum performance and reliability. Plus Z3R brushless motors are backed by Thunder Power RC's industry-leading 2-year warranty and 2-years of 50% off damage replacement program coverage.

Thunder Power RC also offers many of the world's most advanced and safest multi-chemistry chargers, dischargers and cyclers along with a wide-range of premium and high-performance LiPo batteries including the new G6 Pro Race 65C series. And with the proven potent combination of a Thunder Power RC charger, battery and Z3R motor setup, there's never been an easier way to get the podium every time.

Z3R-S and Z3R-M 540 brushless motors are available now through the best retailers world-wide!

### **Z3R 540 Brushless Motor Specifications:**

Timing: Adjustable (0—50 degrees)  
Motor Length: 2.07 in (52.5mm)  
Motor Diameter: 1.41 in (35.7mm)  
Shaft Diameter: 0.125 in (3.18mm)  
Weight: 6.2 oz (176g)

### **Features:**

Re-buildable design for easy maintenance  
Balanced, high-strength neodymium rotor  
High-temp coated pure copper wire  
Plated copper solder tabs  
Fast-switching, high-temp sensors

### **About Thunder Power RC**

Since 2003, Thunder Power RC has been the world-leader in the advancement of Lithium Polymer (LiPo) battery power and charging solutions for a wide variety of RC, UAV/UAS and other applications. Continuing to set industry-leading standards in performance and reliability is why more pilots, drivers and professionals world-wide choose Thunder Power RC LiPo batteries over any other brand.

***Thunder Power RC – #1 in Performance and Reliability***

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