



### Thank you for choosing Radiant

Designed specifically for use in model aircraft, all Radiant high-torque brushless motors feature a 14 pole precision-balanced rotor, 6061-T6 aluminium alloy front and rear covers, high purity copper windings and a heavy-duty stainless steel shaft. It's a combination that, in tandem with high-quality oversize bearings, offers beautifully smooth running, longevity and the ability to turn large propellers. With a mounting option at either end Radiant brushless outrunners are engineered to offer the flexibility and power you need over a long and trouble-free life.

### Race compliant

Our *E2K Race* motor has been approved for use by the British Miniature Pylon Racing Association (BMPRA) and designated 'Race Compliant'.

### Features

- 14 Pole 12 slot hi-torque rotor
- CNC machined 6061-T6 billet heatsink can
- High purity, maximum efficiency copper windings
- High RPM ABEC5 oversized bearings
- Precision balanced rotor offers smooth, reliable performance
- Super-thin (0.2mm) stator laminations
- Precision engineered for maximum energy conversion

### Installation

#### 1. Installing the accessories to the motor

Use the short M3 countersunk screws to secure the motor mount to the base of the motor.

Use the long M3 countersunk screws to secure the prop drive to the motor can. When installing the prop drive it is important that it's mounted correctly and that the screws are tightened bit by bit to ensure the seating of the prop drive is central to the can. This will illuminate any off centre vibration.

#### 2. Motor Connections

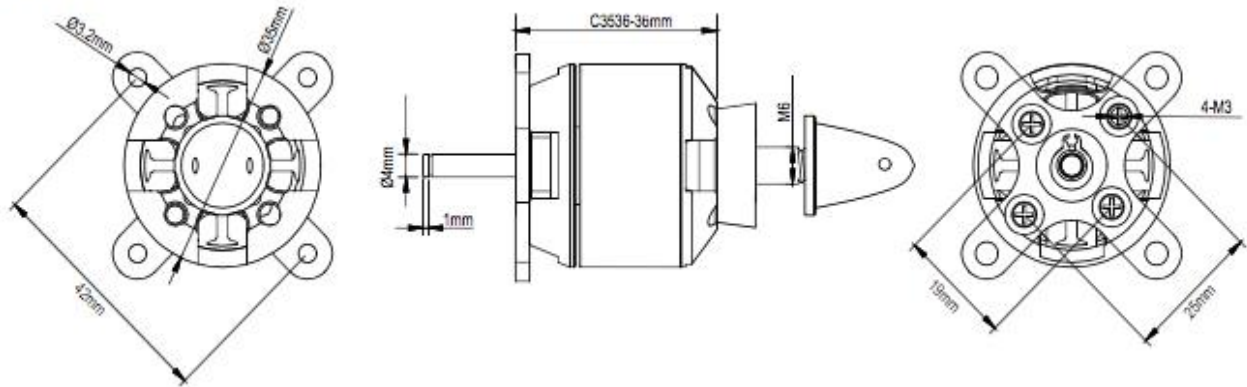
There is no polarity when connecting the three motor wires to the ESC. If the rotation of the motor is incorrect, simply swap around any two of the three wires.

#### 3. Installation

Secure the motor to your aircraft with bolts (not included) that are adequate to ensure that it does not come loose in flight. Once installed please ensure the motor is free and not binding against anything. Failure in any part of the installation could cause irreparable damage to the motor.

Model	MAX Watts (W)	Voltage Range (V)	Max Current (A)	Rotor Poles	No Load Current (A)	Resistance	KV (RPM/Volt)	Motor Size (mm)	Stator Size (mm)	Weight (g)	Propeller (inch)
3536	750	2-4s	55	14	2.5	0.025	1500	35 x 36	28 x 14	109	8x4, 9x6, 10x6

**C3536**



## WARRANTY + CONFORMITY

### LIMITED WARRANTY

Radiant products are covered by the currently valid statutory warranty regulations. If you wish to make a claim under the limited warranty, please contact the model shop where you originally purchased the unit.

The limited warranty does not cover:

- Damage due to commercial use, negligence, misuse, abuse, accident, or acts of God;
- Damage due to improper installation, operation or maintenance;
- Normal wear and tear;
- Cosmetic damage;
- Modifications or repairs not carried out by an authorised service centre;
- Product not purchased from an authorised dealer;
- The use of accessories other than original items;
- Use of the unit outside the stated specification;

### CE CONFORMITY

J Perkins (Distribution) confirms this product is in compliance with the relevant harmonised European directives relating to its safe operation.

### WEEE

This appliance is labelled in accordance with European Directive 2012/19/EU & UKCA Directive concerning Waste Electrical and Electronic Equipment (WEEE). The WEEE Directive came into force to reduce the disposal of domestic waste and promote recycling. Any electrical item that carries the crossed out wheelie bin logo must not be disposed of in domestic waste but should be taken to a designated collection facility. J Perkins (Distribution) are a member of an approved compliance scheme to encourage consumers to recycle unwanted items. Your local authority will be able to provide details of your nearest approved waste disposal site.

**Distributed by:** J Perkins (Distribution) Ltd., Northdown Business Park, Ashford Road, Maidstone, Kent. ME17 2DL  
[www.jperkins.com](http://www.jperkins.com)