

# A2212/6T 2200KV Brushless DC Motor Details

## Basic Information

- **Product Name:** A2212/6T 2200KV Brushless DC Motor For RC Quadcopters Planes Boats Vehicles and DIY Kits
- **Price:** US\$ 13.93
- **Product Code:** MOT-QC-02
- **Availability:** Delivery within 2-3 weeks
- **Purchase Options:** Add to cart / Add to wish list
- **Quantity Adjustment:** + / –

## Description

This 6T (BLDC) BRUSHLESS DC MOTOR is one of the most popular high-speed brushless motors designed specifically for RC hobbyists. It is an outrunner type motor, where the outside case rotates while the inside remains fixed. The motor is favored in the market due to its low cost and is preferred for small drones and planes.

Key features include:

- 3.17mm hardened steel shaft
- Dual ball bearings for smooth and steady rotating motion
- 3-phase motor design, ensuring high speed and efficiency
- Included accessories: bullet-type propeller adapter, cross motor mount, dome-type alloy prop spinner/adaptor, screws, and 3.5mm banana connectors (Bullet plugs)

## How to Read the Motor Code

A2212/6T:

- 22mm: Motor diameter

- 12mm: Motor shaft height
- 6T: 6 turns per pole

## Specifications

- **Number of Cells:** 2-3s lipo; 6-10 cell NiMh (2V to 12V)
- **Max Efficiency:** 80%
- **Internal Resistance:** 90mΩ
- **Max Current:** 12A/60s
- **Max Watts:** 239 W
- **Load Current:** 21.5A
- **Shaft Size:** 3.17mm
- **Weight:** 49g (including all accessories)
- **Dimensions:** 27.5x30 (mm)
- **Minimum Recommended ESC:** 18A
- **Recommended Model Weight:** 300-1000g
- **Mounting Holes:** 3mm (M3)

## Package Includes

- 1 x 2200KV BLDC Motor with bullet connectors
- 1 x Motor mount
- 1 x Prop adaptor
- 4 x M3 Screws

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