Battery Powered RC Boats: A Review of Its Developments for Various Applications

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Abstract

This paper presents a review of the developments in the battery powered remote control (RC) boat for various applications. In recent time, RC boat stands no more a mere toy or instrument that is solely used for a hobby. Various researches into the applications of RC boats have been undertaken in recent years and its performance has been a continuous growing concern for society. Many researchers have also exerted strenuous efforts into modifying the shapes and materials that are used to manufacture the boat hull, in order to improve its efficiency. In lieu to this, this paper provides information on different types of boat hulls and their characteristics. Knowing the fact that the performance of the RC boat has been directly affected by its component parts such as the motor, ESC, rudder, propeller and others, the paper highlights an overview of the RC boat’s basic components and its setup. Owing to the review works presented, future research is proposed which may open new research pathways to the subject of interest.

Keywords:
RC, boats, hull, applications, electrical, electronic, setup, future research

How to Cite

1,156 battery powered rc boats products are offered for sale by suppliers on Alibaba.com, of which radio control toys accounts for 7%, fishing bait boats accounts for 1%, and dc motor accounts for 1%. A wide variety of battery powered rc boats options are available to you, such as boat, home appliance. You can also choose from rc model, rc hobby battery powered rc boats, as well as from plastic, resin, and vinyl battery powered rc boats, and whether battery powered rc boats is abs, or pp. There are 576 suppliers who sells battery powered rc boats on Alibaba.com, mainly located in Asia. The top RC Boats. RC Cars and Trucks. RC Construction. Power Supplies. Radios and Receivers. Servos. We offer a wide variety of RC LiPo Battery Chargers, Power supplies, and Charger Accessories. Popular brands include SkyRC, Dynamite, and E-Flite. Select a category below to view available products. Guide for New Flyers. Helpful information for new pilots. We've compiled the reviews of best marine batteries available on the market to help you out. You should already know how necessary a car battery is in starting up the contraption. On the marine front, batteries are also as important in the running of a boat and even more so than they are needed in cars. In addition to starting up a boat engine, they as well power all-electric appliances on the vessel. The Odyssey 31M-PC2150ST-M features as our editor’s choice where the best marine batteries are concerned. This is because the battery is impressive in many features, including a high recharge efficiency, dual-purpose use functionality, and excellent warranty terms, to name a few.