



BetaFPV 0702 27000KV | Brushless Motor Set for Drones | 4 pcs



link to the product:

<https://www.batna24.com/gb/p/drone-accessories-and-parts/betafpv-0702-27000kv-brushless-motor-set-for-drones-4-pcs>

Price: **299.00 zł** gross / 243.09 zł net



Manufacturer: BETAFPV

Referention number: DNXXGOPMGRMMMP

Information:

The 0702 and 0702SE motors were created specifically for ultralight 65 mm racing drones, offering excellent power, instant response and high manoeuvrability in demanding FPV flights. Their low mass at the edges of the frame improves dynamics and control precision, which is crucial in racing. Combined with ultralight PEEK screws and Gemfan 1210 or 1208 propellers, they make it possible to build a very light, efficient setup, even below 18 g, delivering excellent performance and reliability.

Full product description

Engines 0702/0702SE: Designed for 65mm Drones

The 0702 and 0702SE series engines are specifically designed for ultralight 65mm class racing drones. Their design is finely tuned to the requirements of this category, providing optimal power and unmatched responsiveness in extreme racing flight scenarios. They are a key component for pilots seeking to maximize the performance of their compact FPV drones.

Performance in the Context of Weight: Choosing FPV Pilots.

Although there are 603 or 802 size motors on the market that could provide similar thrust with theoretically higher energy efficiency, 0702 motors are preferred by active FPV pilots. The main reason is their ability to minimize weight at the periphery of the structure, away from its center of gravity. This reduction in peripheral weight significantly improves maneuverability and flight dynamics, which is crucial in racing.

Complementary Components: PEEK screws and Gemfan propellers

To realize the full potential of 0702 motors, it is crucial to select the right ultralight accessories. PEEK propellers, weighing just 0.10g for 12 pieces, save up to 0.46g across the entire design and have exceptional resistance to high temperatures, friction and fatigue, increasing reliability. Combined with Gemfan 1210 (2-blade) or 1208 (3-blade) propellers, which provide solid thrust and instant response to commands, the entire kit allows you to build a drone weighing less than 18g. This synergy of lightweight motors, propellers and propellers significantly improves performance in FPV racing and aerobatics.