

EDGEFLOW

EDGEFLOW strives to revolutionize water sports by integrating cutting-edge technology to surpass the current standards. In addition to its sleek design, EDGEFLOW has pioneered an advanced power drive system that harnesses PMAC motor technology renowned for its efficiency, reliability, and exacting control, characterized by:

Revolutionizing Permanent Magnet AC Motor Drive

Increased Power Density

Outlasting typical industry DC motors, EDGEFLOW's Permanent Rear Earth Metal Magnet AC motor system boasts a superior power efficiency and power-to-weight ratio, ensuring enhanced performance.

Precise Speed and Position Control

Utilizing Variable Frequency Drive (VFD) technology, EDGEFLOW's system achieves precision with over 10,000 feedbacks per second, ensuring unparalleled speed and position control.

Durability and Run Time

Leveraging simplified and robust motor design, EDGEFLOW's system demands minimal maintenance compared to alternative drive types, ensuring durability and unwavering reliability.

SBFG-24 Electric Surfboard Product Specification

- Speed: 12 - 37 miles/h
- Board weight: 62 lbs
- Maximum motor power: 18KW
- Motor rated power: 10KW
- Maximum load: 260 lbs
- Waterproof rating: IP67
- Product weight: 130 lbs
- Board body material: Fiberglass
- External layer material: gelcoat
- Propeller material: 316 stainless steel
- Battery weight: 68 lbs
- Battery capacity: 5.8KWH/75AH
- Battery run time: 60-90 minutes
- Battery warranty discharge: 800 times
- Battery material: ternary lithium

