

POWERGX

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POWERGX Inc.

Triggerfish

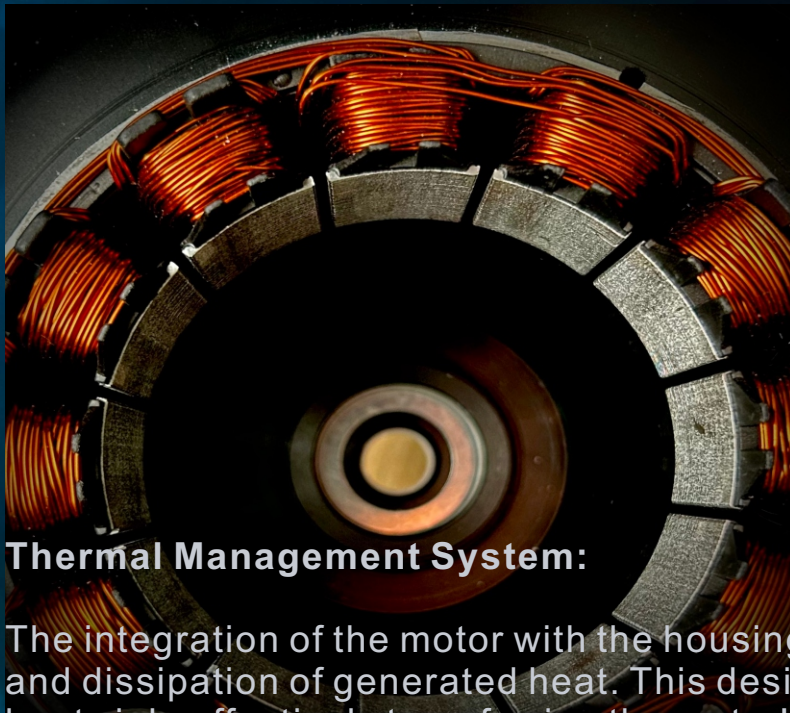


Basic Information	Clown	Titan
Material of Body	Aluminum	
Diameter	380mm	
Tube Diameter	200mm	
Length	510mm	605mm
Weight (Freshwater)	13KG	16KG
Weight (Seawater)	13.3KG	16.4KG
Temperature Range	0-35	
Basic Parameters		
Maximum Thrust	300N	
Maximum Speed	85M/Min *1	
Maximum Depth	100m	
Endurance (Cruising Speed)	95min	190min
Endurance (Longest)	260min	520min
Features		
Turbo Mode	Yes	
0-100% Speed Control Switch	Yes	
Main Power Switch	Yes	
Vacuum Pressure Check	Yes	
Neutral Buoyancy / TRIM	Yes	
Battery Information		
Battery Type	Li-ion PTB	
Voltage	37v	
Battery Capacity	370wh	740wh
Charging Time	Fastest 2 hours	Fastest 2 hours

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Advanced motor designs play a crucial role in applications such as underwater propulsion systems, contributing to improved performance, reduced energy consumption, extended lifespan, and meeting specific environmental requirements. Here are some characteristics of advanced motor designs:



Brushless Motor Technology:

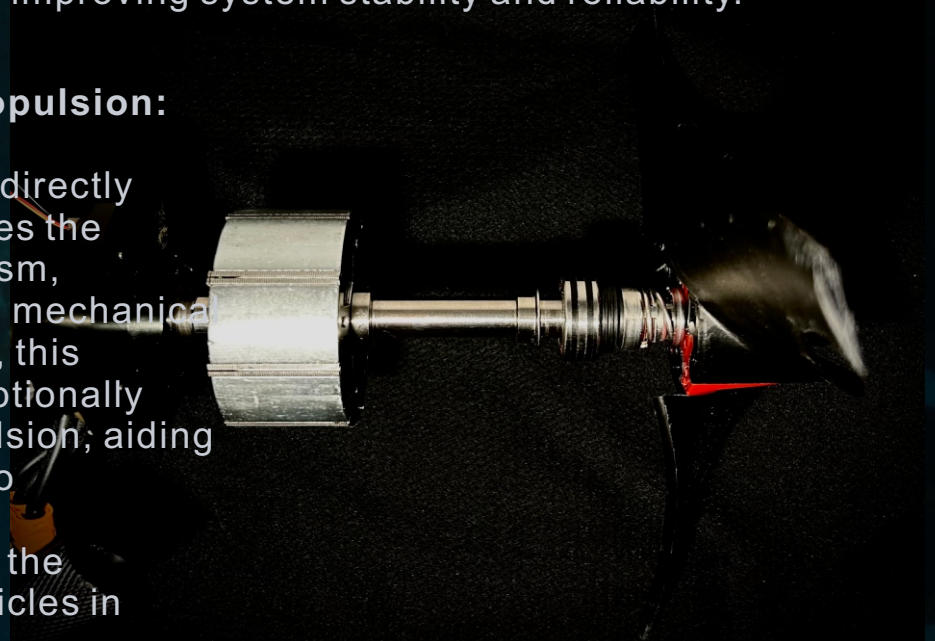
Brushless motors eliminate carbon brushes found in traditional motors, reducing friction and wear, thus enhancing efficiency and lifespan. They also mitigate electromagnetic interference, ensuring more stable motor operation.

Thermal Management System:

The integration of the motor with the housing facilitates the direct conduction and dissipation of generated heat. This design allows the housing to act as a heat sink, effectively transferring the motor's heat to the surrounding water, preventing overheating, and improving system stability and reliability.

Low-Noise Underwater Propulsion:

The design where the motor directly drives the propeller eliminates the traditional gearbox mechanism, reducing noise generation in mechanical transmission. Consequently, this configuration provides exceptionally low-noise underwater propulsion; aiding in minimizing disturbances to underwater ecosystems. Simultaneously, it enhances the efficiency of underwater vehicles in silent missions.



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The operational convenience of the underwater thruster is crucial for the successful completion and, more importantly, the safety of a dive. Here are some points emphasizing the importance of operational convenience for underwater thrusters:

Brand New Designed Control Handle:

We have meticulously crafted the control handle, enabling all operations to be seamlessly executed with a single hand. Whether for recreational or technical diving, in cold or warm waters, the control handle offers unparalleled convenience and maneuverability, ensuring a safe and efficient underwater experience.



Interchangeable Handles:

The ability to easily switch between a single-sided handle and a T-handle adds to the operational flexibility. This feature allows divers to adapt the control configuration based on their preferences or specific diving conditions.

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PTB (Power Tools Battery)

Replace:

PTB batteries are commonly available as a standard battery type in the market, making them easily accessible for users. Their standardized nature means that users can conveniently purchase suitable replacement batteries without requiring extensive professional support.

Convenient for Maintenance:

PTB battery designs often prioritize user-friendliness and ease of maintenance. This allows users to perform relatively straightforward operations when the battery needs maintenance or replacement, reducing maintenance costs and time. **Achieves Air Transport through**

Different Configurations:

Since PTB batteries typically comply with aviation transport regulations, users can achieve air transport by configuring different combinations of batteries. This provides greater flexibility and convenience for users who need to conduct diving or underwater tasks in different locations.

