

Frogman Thruster FT1

Rescue



The Frogman Thruster is an efficient underwater propulsion that helps divers move underwater more easily, saving energy and time. During water rescue operations, the use of this thruster allows rescuers to reach the scene of an incident faster and control their position and speed underwater more easily. It also helps rescuers carry rescue equipment and supplies more easily, thus increasing the efficiency and flexibility underwater. At the same time, with the feature of lightweight, tough, waterproof, durable and adjustable features, these products also provide rescuers with more safety and support, enabling them to perform their tasks better. Its use can improve the efficiency and success rate of rescuers, while also reducing the risks and stress they face and minimizing injuries to victims. Frogman thruster is therefore an integral part of the underwater diving and water rescue fields.



The FT1 frogman thruster is mainly used for fire emergency rescue, underwater operations and exploration. The equipment does not need to be held, completely freeing the diver's hands, and can continuously provide users with water underwater. Thrust to achieve the purpose of moving forward quickly, users can easily control the forward direction by changing their posture. The maximum working depth can reach 50 meters. This equipment is suitable for all waters. It has a variable speed function and has alarm functions such as power and operation.



Key Features

- Product weight in air $\leq 10\text{kg}$
- The battery is buckled on the waistband, and the battery can also be fixed on the gas bottle with a gas bottle strap and motor extension cord.

Frogman Thruster FT1 Specifications

Model	SATIR Frogman Thruster FT1
Battery parameters	
Capacity	20 Ah \geq 19.2Ah
Nominal voltage	43.2 V
Charging cut-off voltage	50.4 V Full charge voltage 50.4V
Maximum continuous charging current	6 A 0~100% charging time is about 4 hours
Charging temperature range	0 ~ 45°C Humidity 60 \pm 25%
Discharge temperature range	-20 ~ 60°C
Storage temperature and humidity	0 ~ 25°C Humidity:45% ~ 90% RH
Single motor assembly	
Rated power	\leq 580W
Operating current	\leq 13A
Rated speed	\leq 3700 r/min idling
Maximum thrust	9 kgf \pm 1kgf Single motor
Control Mode	PWM
General	
Maximum working depth	50 meters
Weight of object in air	\leq 10kg
Suitable for all water	Yes

Please be aware specifications can vary from time to time

Battery weight: less than 8.7kg in air

Note: The factory battery capacity is 50%~55%.
It is recommended to fully charge it for the first time.