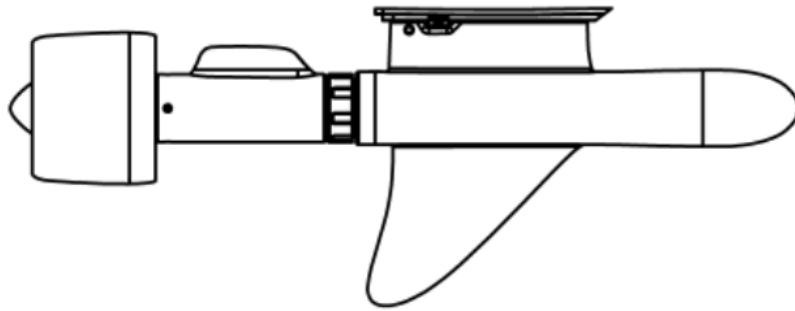


UMI E-Motor

USER GUIDE

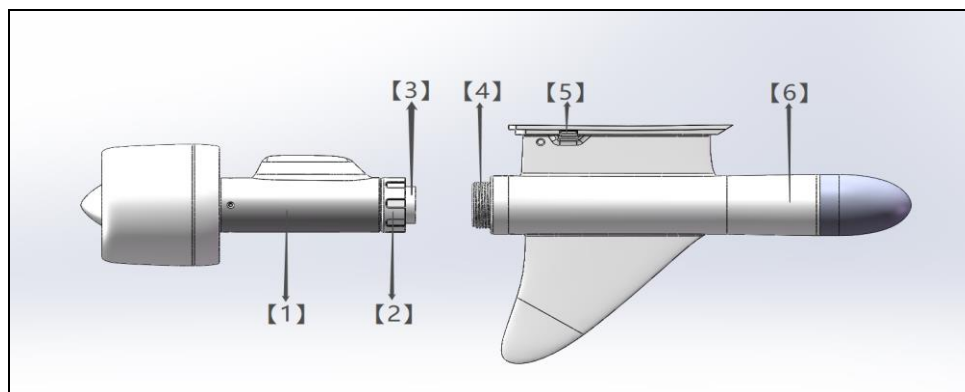


Product Introduction

UMI E-Motor is a type of electric propeller installed on the paddle board, kayak or other water sports products. UMI E-Motor works with a dedicated radio controller. User can control its RUN/STOP and speed on the paddle board or kayak by radio controller.

Product Description

1. UMI E-Motor Body



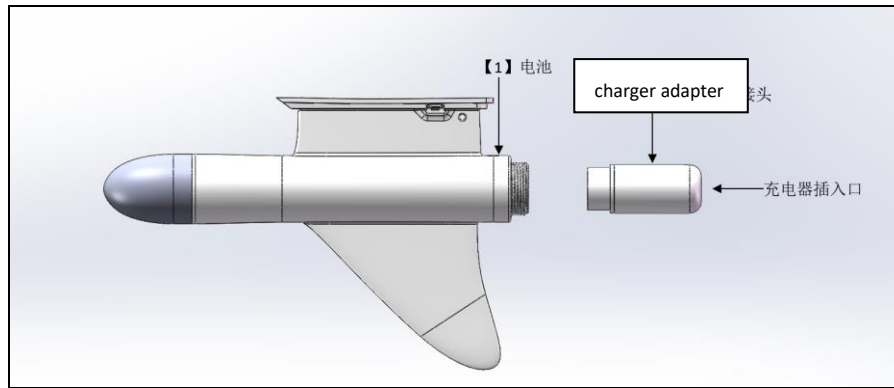
- [1] propulsion parts
- [2] connector buckle
- [3] male connector

- [4] female connector
- [5] bolt
- [6] battery

Steps for installation

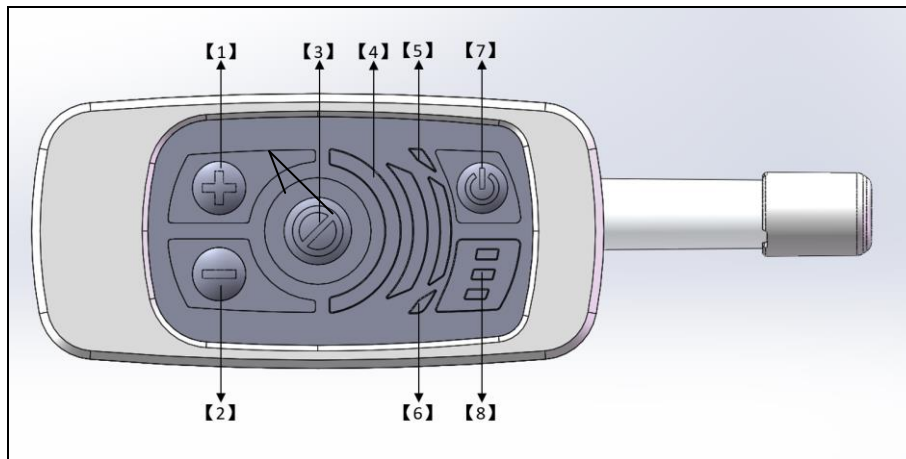
- 1) Insert male connector [3] of propulsion power parts [1] into female connector [4].
- 2) Rotate connector buckle [2] and tighten it until it cannot be rotated.
- 3) Insert the handle on the battery [6] into the installation seat of paddle board or kayak, and then insert the bolt [5] to fix it. The installation is completed.
- 4) Use the radio controller to operate the propeller.

How to charge for battery



Connect the propeller battery to the charger via the charger adapter, then plug the charger into the power socket(220V) and charge it for about 1h and 30min. When the charger indicator turns green, the charging is completed.

2. Radio controller



[1] speed-up button

[2] speed-down button

[3] STOP

[4] indicators for body power and speed

[5] charging indicator

[6] pairing indicator

[7] ON/OFF button of controller

[8] indicators for controller power

How to use radio controller

1) The original radio controller had been pre-paired with the body already. Press ON/OFF button of controller [7]. When the power indicators of the remote control [8] and indicators for body battery power [4] are on, that indicates the radio controller is power-on and the communication with the body is ready.

2) There are 7 gears of the speed of propeller, and the first gear means no power. The speed can be adjusted by press speed-up [1] and speed-down [2]. When all three Indicator lights [4] are on, it indicates the sixth or seventh gear

3) When the power of the body is enough, the indicator lights [4] would be blue; when the indicator lights turn red, it indicates that the power of the body is insufficient. Please stop using it and charge it in time.

4) When the radio controller needs to be replaced, the new one shall be paired with the propeller. The pairing operation is as follows:

Firstly, connect the male and female connector of the propeller, turn on the radio controller, and then hold down the speed-up and speed-down buttons at the same time till the pairing indicator [6] turns green. Secondly, unplug the male and female connector of the propeller, and then re-install it. If the pairing indicator [6] shows blue, it means the pairing is completed.

How to charge the radio controller:

- 1) Connect the wireless charger to the power supply by USB, the indicator light will stay on for 1 second and then the light would go out. It would enter the standby state about 3 seconds after self-detection.
- 2) Place the bottom of the radio controller on the center of the charging pad. Blue breathing light of the charging pad would be on and the charging indicator [5] of the radio controller would be red during charging.
- 3) When the radio controller is fully charged, the charging indicator [5] would turn blue.

Specification

Rated voltage	24V	Running hour	40min
Rated power	120W	controller charging voltage	5V
Charging time of propeller	1h30min	Charging time of controller	3h
Max speed	9km/h		

Packing List

- | | |
|---------------------------|---|
| 1. UMI E-Motor Body:1 set | 5. wireless charger for controller:1 pc |
| 2. Radio controller:1 pc | 6. USB wire for wireless charger:1 pc |
| 3. Battery charger:1 pc | 7. USER GUIDE:1 pc |
| 4. charger adapter:1 pc | 8. arm band for controller:1 pc |

Cautions

1. After use, please soak the UMI E-motor body in fresh water for 5-10 minutes to remove the salt, and then make it dry and clean before unplugging the battery.
2. Please do dry the water on the product surface with a dry cloth before charging, or it might occur short circuit because of the water, resulting in electricity leakage or damage to the product.
3. When the product is not used for a long time, please unplug the battery, put it into the original packaging bag and store it in a dry place.
4. When using the product, do not touch the propeller when it is in operation to avoid physical injury.

5. The product is only suitable for users between 16 and 60 years old.
6. Charge the battery every three months to prevent damage.4. Please do not disassemble, modify or violently operate this product. Incorrect use of the product may reduce the life of the product or damage it.
7. This product complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.
8. NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
9. NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

10. For FCC ID: 2AXBG-UMIE-MOTOR FCC RF Exposure Information and Statement

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged. Device types: UMI E-MOTOR (FCC ID: 2AXBG-UMIE-MOTOR) has also been tested against this SAR limit. SAR information on this and other pad can be viewed on-line at <http://www.fcc.gov/oet/ea/fccid/>. Please use the device FCC ID number for search. This device was tested simulation typical 0mm to body. The use of accessories should not contain metallic components in its assembly, the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

11. For FCC ID: 2AXBG-UMIE-MOTORA FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.