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TEMO

TEMO·1000

OWNER'S MANUAL

Please read before first use

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FOREWORD

1. WELCOME

Dear Captain,

Thank you for choosing TEMO to power your boat.
We hope you enjoy using it as much as we enjoyed designing and producing it.

We wanted it to be light, easy to use, ergonomic and made in France. It took several thousand hours of research, development and testing, both in the factory and in real-life situations. **TEMO-1000** was designed and manufactured in Vannes (56) and Nantes (44).



With 70% of components sourced locally, obtaining the Origine France Garantie label in 2024 evidenced our commitment to responsible production that promotes local employment and expertise.

Named TEMO, as a nod to the Latin root of the word timon (the long handle of ancient tillers), it's designed to make your outings on the water easier. It's a carefree companion that will take you wherever you want to go. Wave goodbye to stress, **TEMO-1000** is finally here.

One final recommendation before setting sail, although our propeller has been developed to be reliable and very easy to use, it should still be handled with care. Please read these instructions carefully to ensure your safety and the safety of those around you. Following our instructions will also extend the life of the product.

Our team is constantly developing new products and accessories. We are committed to expanding our range to meet your needs, and your opinion matters to us. Don't hesitate to tell us about your first impressions of boating with your **TEMO-1000** and any comments



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or suggestions for improvement. You can do this from our website or directly on Google.

We are genuinely committed to bringing you simple, fun and responsible solutions so you can enjoy your solo trips, family outings and adventures with friends to the max.

Not sure about something? Any questions?

We can be reached by telephone on +33 (0)9 70 70 38 80 or by e-mail at hello@temofrance.com.

We want to keep boating full of fun and make sure nothing stops you from heading out to sea!

Thank you for choosing TEMO, happy boating and see you soon.

The TEMO team

2. MARITIME CHARTER

*The sea is a living,
fragile environment.
A precious resource.*

TO PROTECT IT, PLEASE:

- > Respect the sea and rivers.
- > Do not enter protected areas.
- > Only fish permitted species and sizes.
- > Watch the animals without touching or disturbing them.
- > Before mooring, check the nature of the ground to avoid damaging it.
- > Preferably use mooring buoys.
- > Dispose of household waste in bins, and toxic, solid and liquid waste in the port's designated containers.
- > Use the port's sanitary facilities and empty the black water tank(s) at the pumping stations, and use the most environmentally friendly detergents.
- > Ensure that all maintenance operations (boat, equipment) are carried out in an environmentally friendly manner.
- > Treat all liquids that may cause pollution with care.





INTRODUCTION

1. MANUAL OVERVIEW

This manual describes all the functions of the **TEMO•1000** propeller and its battery.

It contains all the information needed to use the **TEMO•1000** correctly and safely.

It includes:

- System specifications.
- System design information.
- Information on potential risks and their consequences to avoid any danger.
- Information on the use of the device's functions throughout its lifetime.

This manual is designed to familiarise you with the **TEMO•1000** and enable you to use it safely with an awareness of the risks involved if the product is not used correctly.

All new users of this motor must read and understand these instructions. This manual must always be kept within easy reach for reference.

If you follow the instructions in this manual, you will be able to:

- Avoid risks.
- Reduce repair costs.
- Increase the lifespan of the propeller and its battery.

2. CLASSIFICATION OF SAFETY INSTRUCTIONS

Safety information is shown in this manual using standardised formatting and symbols.

Follow the instructions given. The risk categories described are based on probability and potential severity of consequences.

CAUTION

Indicates the existence of an extreme intrinsic risk that may result in a high probability of death or irreparable injury if appropriate precautions are not taken.

WARNING

Indicates the existence of a risk of injury or death if appropriate precautions are not taken.

NOTE:

Indicates a reminder of safety practices or draws attention to dangerous practices that may cause injury to people or damage to the product and its components or to the environment.

3. MEANING OF SYMBOLS



Read the instructions carefully



Wear lifejackets



Wear gloves



Keep away from pacemakers and other medical implants - min 50 cm



Not to be used by children under 15



No drugs or alcohol



Magnetic field risk



Risk of electric shock



Risk of cuts



Risk of burns



Risk of drowning



Risk of falling into the sea

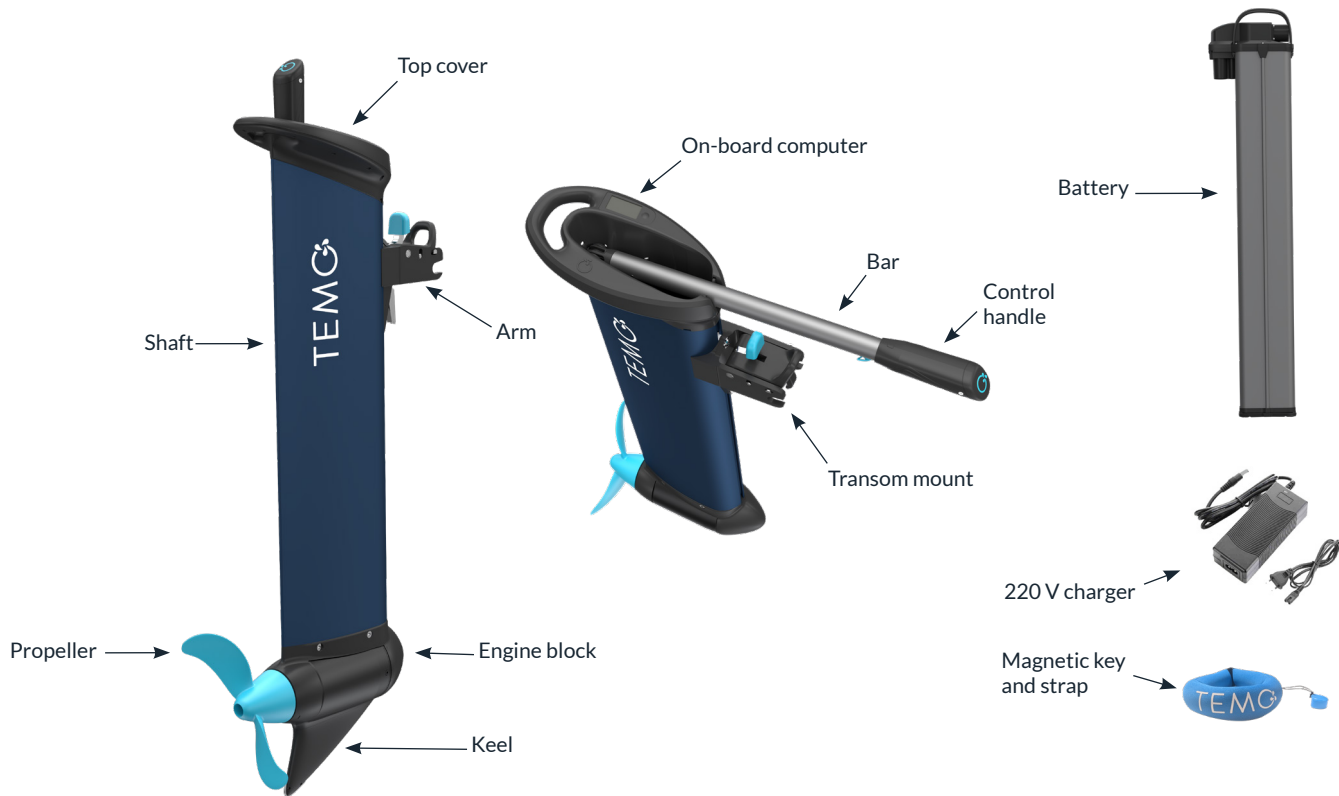


Fire risk



Charging the battery

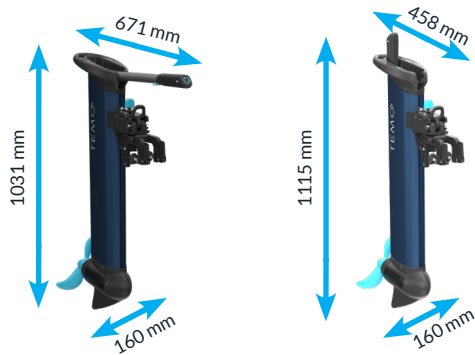
1. COMPOSITION



You can also find additional equipment at www.temofrance.com

2. GENERAL FEATURES

DESCRIPTION	TEMO-1000	UNIT
Max. electrical power	1100	W
Max propulsive power	480	W
Max. overall output	44	%
Theoretical max weight that can be propelled	1300	kg
Voltage: min / nominal / max.	34 / 47 / 55	V
Propeller	Twin blades	
Protection class	IP67	
Total weight of the TEMO-1000	16 kg	



3. FEATURES OF THE LITHIUM-ION BATTERY

DESCRIPTION	TEMO-1000	UNIT
Nominal capacity	20	Ah
Nominal power	949	Wh
Operating temperature	-10 / 60	°C
Storage temperature (period > 3 months/year)	0 / 25	°C
Charge status for optimum storage	50% to be checked every 3 months	
Charging time	5.30	hrs
Battery charging temperature	0 / 45	°C
Theoretical life span	80% SOH reached after 750 cycles 0-100%	cycles
Battery life at full power (approx.)	52	min
Battery weight	7	kg

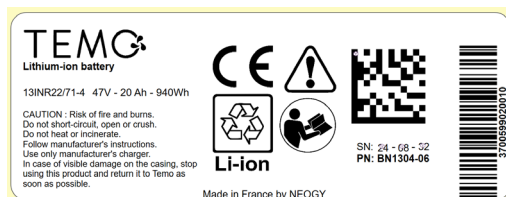
4. TYPE PLATE

Each **TEMO-1000** is fitted with two type plates showing the main specifications in accordance with the applicable regulations.

The first is specific to the propeller and is located in the battery compartment:



The second is specific to the battery and is located directly on the battery:



GETTING STARTED

1. GUIDELINES FOR USE OF THE TEMO-1000

Special safety instructions may apply to certain operations. They are given in the relevant sections of this manual.

It is also important to follow the specific safety and accident prevention instructions for the place of use.

TEMO designs and manufactures its products with the utmost care to increase user safety. The product has undergone all the regulatory checks during its development.

Improper use of the propeller may endanger the life or limb of the user or of third parties, or cause major material damage.



NOTE:

It is essential that you read and follow the safety instructions and warnings in this manual. Read these instructions carefully before operating the TEMO-1000.



CAUTION

Never use the TEMO-1000 if you are tired or under the influence of drugs, alcohol or medication. Any loss of attention while using the TEMO-1000 may result in serious bodily injury, irreparable injury or death.



CAUTION

Never leave children unattended with the TEMO-1000.

WARNING

This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience or skills, unless they are supervised by another person responsible for their safety.

NOTE:

All inexperienced users must be supervised.

NOTE:

Failure to follow the safety instructions in this manual may result in personal injury or material damage. TEMO accepts no liability for damage caused by failure to follow these instructions.

NOTE:

The TEMO-1000 is a propulsion device for small boats; any other use is regarded as improper use.

2. INITIAL CHARGING AND RECHARGING.

Charge the TEMO-1000 to 100% before using it for the first time. This is done as follows:

1. Make sure you are in a temperate place when charging.
2. Remove the stopper from the charging connector.
3. Insert the charger cable into the charging connector, then plug the charger into a 220V socket (the charger indicator will turn red when charging, then green when fully charged).
4. Remove the plug from the mains, then press the safety catch on the charger before removing the battery charging connector.
5. Replace the stopper back on the charging connector before use.
6. Check the charge status every 3 months.



**CAUTION**

Take every precaution when connecting the TEMO-1000 battery to the 220V charger. First connect the charger to the battery and then connect the whole assembly to the mains.

**CAUTION**

Although the charging connector is waterproof, ensure that it is completely dry when charging your battery: there is a serious risk of a short-circuit.

**CAUTION**

Do not leave TEMO-1000 charging beyond full charge. Do not allow the propeller to be turned by the speed of the water when the battery is fully charged or at a temperature below 0°C / above 45°C. This could cause a fire due to overloading.

WARNING

When the battery is not being charged, the cap must always be in place on the charging connector.

WARNING

Store the battery in a well-ventilated area between 0°C and 25°C, away from direct sunlight and humidity.

WARNING

Do not open the battery compartment. Protect the battery compartment from any impact that could cause it to open. If this compartment becomes damaged:

- Do not use the battery again.
- Do not charge the battery any more.
- Do not short-circuit the battery.
- If electrolyte leaks from the battery, avoid all contact with the skin and all direct inhalation of the gases.
- Contact TEMO customer service.

NOTE:

Do not charge the motor without adult supervision. Charge the battery at a temperature between 0°C and 45°C. Always use the original charger supplied with the battery. Never cover a charging battery. Stop charging if heat is generated.

NOTE:

Unplug the charger from the mains before disconnecting the battery.

NOTE:

Never charge the battery and use the motor at the same time.

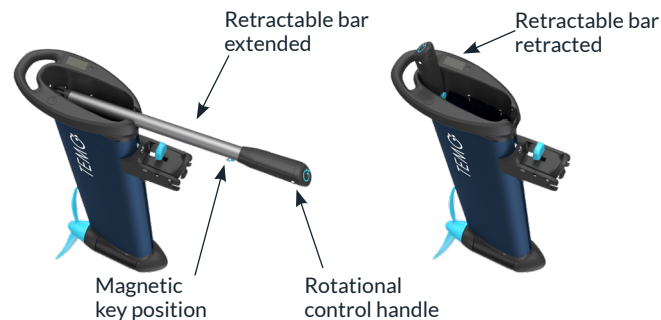
3. DESCRIPTION OF TEMO-1000 COMPONENTS

A. CONTROL HANDLE AND RETRACTABLE BAR

The TEMO-1000 features an innovative retractable and rotating control handle.

Handle stowed: the motor can be used as a simple means of propulsion when the boat already has a tiller. Choose your speed, stow the handle and gain space and freedom of movement (for use on a sailboat, for example).

Handle extended: the motor allows you to both propel and steer the boat using the control handle (for use on a dinghy, for example).



NOTE:

The TEMO-1000 handle can only be used in the two positions shown. Do not use it at any other angle, as damage or breakage may occur.

B. MOUNTING BRACKET (ARM + TRANSOM MOUNT)

The TEMO-1000 is supplied with a mounting bracket consisting of 2 parts:

- > The arms, which attach directly to the shaft and can slide up and down the shaft to adjust to the height of any boat's transom.
- > A transom mount that attaches directly to the boat with thrust screws or can be attached to a motor mount if your boat has one.

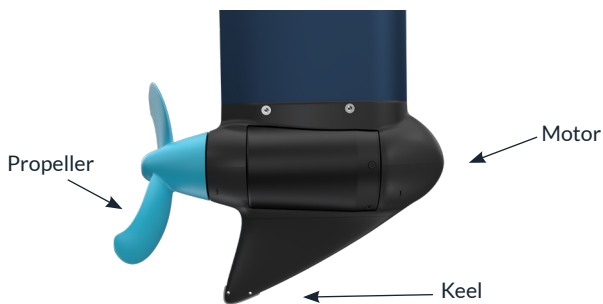
The TEMO-1000 must be used with its transom mount because the arms attached to the propeller fit directly into the transom mount (see Installation on board chapter p.17).



D. PROPELLER AND KEEL

The submerged part of the **TEMO-1000** consists of the motor, propeller and keel protection.

The submerged part, or the propeller mount and keel, is commonly referred to as the 'base' on a conventional motor.



E. ON-BOARD COMPUTER



 **100 %** Battery charge level

 **8880 W** Instant power in W

 **8:88 H** Remaining battery life

Motor
overheating



Battery problem
or low battery

Magnetic key
missing or
malfunctioning



Motor jammed (remove
the magnetic key and
switch off the motor
before trying to clear
the propeller)



Electronic panel
overheating

Return the speed
control to neutral



If one of these icons is shown, the maximum power will be limited to protect the TEMO-1000. To return to normal operating conditions:

1. Check the battery charge level.
 2. Stop the motor.
 3. Check that the propeller is not obstructed.
 4. Allow the system to cool down for 30 minutes.
- If the problem persists, contact TEMO customer service.

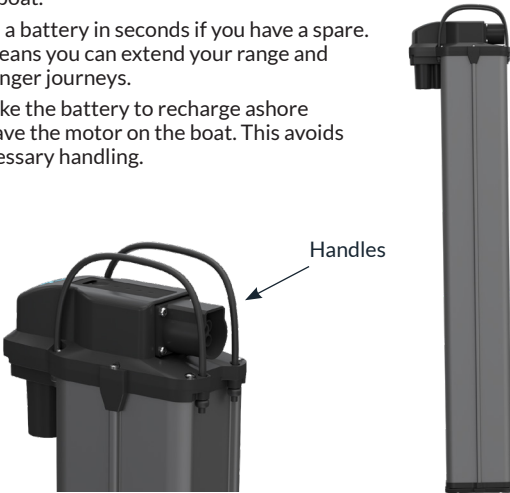
F. REMOVABLE BATTERY

The battery is removable and can be removed from the motor in a matter of seconds. Simply grasp the handles provided for this purpose.

The battery connects to the **TEMO·1000** completely cable-free.

This allows you to:

- > Reduce the weight of the motor when installing it on the transom of the boat.
- > Switch a battery in seconds if you have a spare. This means you can extend your range and plan longer journeys.
- > Just take the battery to recharge ashore and leave the motor on the boat. This avoids unnecessary handling.



CAUTION

If the battery falls into the water, contact TEMO Customer Service. Do not attempt to use or charge the battery after this.

4. INTEGRAL SAFETY DEVICES

SAFETY FEATURE	FUNCTION
Magnetic key	If the magnetic key is disconnected, the motor stops rotating immediately.
Electronic protection	This integrated device protects the motor from power surges, overloads, polarity reversal and overheating.
Control handle	The control handle allows you to control the propeller speed across its entire power range.
Top cap	This protects the TEMO·1000 battery from water entering the connector during use. Do not open this cover, as this will compromise its water resistance and void your warranty in the event of a problem.

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5. ADDITIONAL SAFETY DEVICES

ADDITIONAL SAFETY FEATURE	FUNCTION
Mounting bracket	The mounting bracket allows you to position the TEMO·1000 using the arms that fit into the transom mount. This allows you to cruise in the best possible conditions, propelling the boat as smoothly as possible.

6. GENERAL SAFETY INSTRUCTIONS



CAUTION

Never use the TEMO·1000 near other people in a swimming area or within 3 metres of any swimmer. Doing so could expose you to the risk of serious bodily injury or death.



CAUTION

Only operate the TEMO·1000 when the motor is in the water, to ensure proper cooling. Prolonged use away from water could lead to the risk of burns and fire.



CAUTION

Never attach TEMO·1000 directly to the user. This could cause drowning if the user falls overboard.



CAUTION

Only operate the TEMO·1000 in a seated position. Any use in an unstable position may cause the user to fall overboard.



WARNING

Distribute the weight evenly on board your boat to stabilise it and prevent anyone from falling overboard.



WARNING

The wrist strap and magnetic key are designed to keep the captain safe.
The wrist strap and magnetic key must be attached to the captain's wrist so that they can be used as a circuit breaker to stop the engine in the event of a fall.
Under no circumstances should the wrist strap be attached directly to the TEMO-1000.

WARNING

Carefully check the direction when installing the battery in the motor.
To remove, give it a sharp tug.

WARNING

Do not exceed the power limit shown on the transom of the boat.
You'll find this information on the boat's manufacturer's plate.

WARNING

The buyer is solely responsible for choosing the means of propulsion best suited to their boat and to the wind and sea conditions.

NOTE:

Adjust your speed to suit the environment using the propeller control handle.



NOTE:

When travelling in a boat, it is compulsory to wear a lifejacket.

NOTE:

In addition to the TEMO-1000, it is compulsory to carry oars on board.

USEFUL INFORMATION:

The TEMO-1000 is designed to power a 5-6 person tender or a 1,300 kg sailboat under load for manoeuvring in port.

TRANSPORT

When moving the motor ashore, with or without the protective bag, take care with the protruding parts (keel, propeller and handle).

WARNING

When transporting and storing the TEMO-1000, always disconnect the magnetic key to prevent the motor from starting unintentionally.

USEFUL INFORMATION:

As of 2009, it is no longer permitted to carry batteries with a capacity greater than 160 Wh on commercial aircraft.
Due to its 949 Wh battery, the TEMO-1000 can therefore not be taken on board commercial aircraft, either as hand luggage or in the hold.

INSTALLATION ON BOARD

The mounting bracket (arm + transom support) provided in the **TEMO-1000** kit allows you to get the most out of your motor while ensuring secure installation.

NOTE:

Only use the TEMO mounting bracket.

1. INSTALLING THE MOUNTING BRACKET

The **TEMO** mounting bracket is designed to enhance the performance of the **TEMO-1000** and to make it more manoeuvrable and safer. It is essential when using the **TEMO-1000**.

As its name suggests, the **TEMO-1000** transom mount is designed to be installed on the boat's transom (if designed for this purpose) or on the motor mount already in place on the boat.



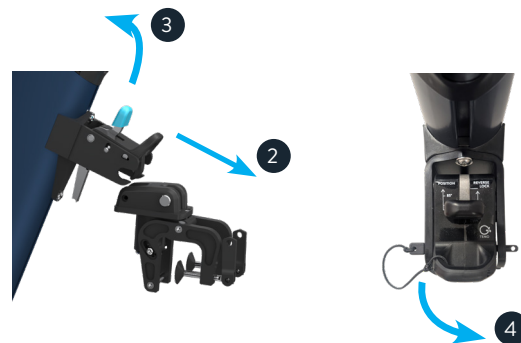
2. ATTACHING THE TEMO-1000 TO THE MOUNTING BRACKET

To attach the **TEMO-1000** arms to the **TEMO** mounting bracket:

1. Secure the mounting bracket to the transom of your boat using the thrust screws.
2. Then slide your motor into the mounting bracket to secure it and lower the main handle to lock the motor into place.
3. Before reversing, make sure the stop is pushed backwards.
4. Before using the motor, insert the safety peg into the hole in the motor arm.

Function: the safety peg prevents the motor from accidentally falling off while in use.

In addition, for maximum safety and peace of mind, we recommend always securing the motor to the boat using a safety line, particularly in exposed environments or if there is any concern about the stability of the installation.



WARNING

*When installing the TEMO-1000 on your boat at sea, you will need to move around the boat.
Take extra care to avoid falling overboard.*

NOTE:

Before each use of the TEMO-1000, check that the TEMO mounting bracket is in good condition and that it is firmly attached to the motor mount or transom of the boat.

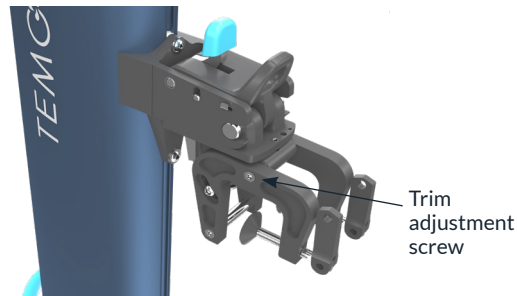
3. TRIM CONTROL

Once the transom mount is attached to the boat, the trim allows you to adjust the angle of the motor's operating position.

For maximum efficiency, the motor should be as vertical as possible and not necessarily parallel to the boat's transom.

1. After positioning the mounting bracket on the boat, fully loosen the trim adjustment screws.
2. Adjust the mounting angle to suit.
3. Once it is in the desired position, tighten the screws on either side of the mount to secure it in place.

Go ahead and install the motor once you have done this to check that it is as straight as possible in relation to the waterline.



NOTE:

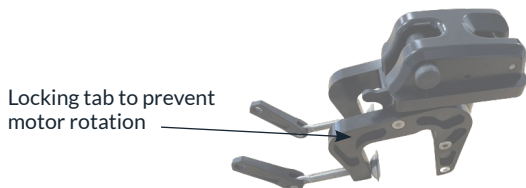
Secure the motor so that it does not fall back and hit the transom.

USEFUL INFORMATION:

The TEMO-1000 trim and shaft can be adjusted using a size 5 Allen key.

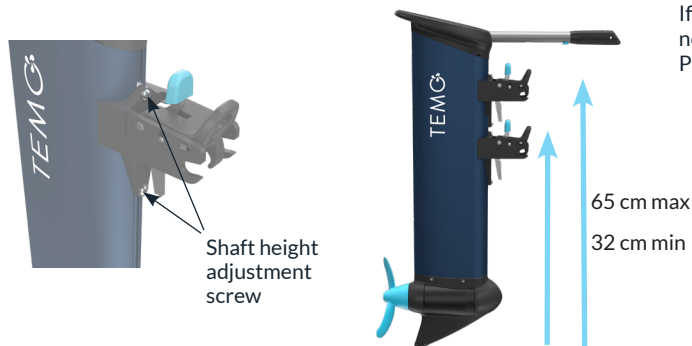
4. MOTOR ROTATION LOCK

If you want to lock your motor in place to use it as a propeller, simply lift the locking tab to stop the mounting bracket from rotating.



5. SHAFT ADJUSTMENT

The motor axis should be as horizontal as possible for optimum efficiency. The slide on the motor shaft allows you to adjust the depth of the propeller shaft for optimum efficiency.



NORMAL OPERATION / USE

1. STARTING AND MOVING FORWARD

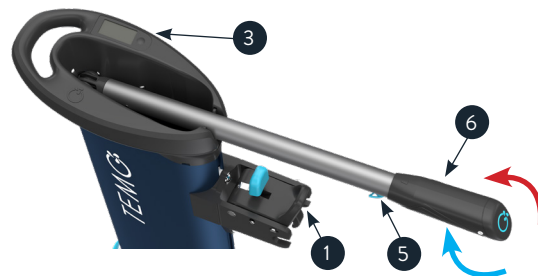
To start the **TEMO-1000**, you need the magnetic key and the propeller with battery fitted.

Then:

1. Attach the **TEMO-1000** mounting bracket arms to the transom mount already attached to the boat.
2. Insert the battery paying attention to the direction of insertion!
3. Turn on your motor by pressing the ON/OFF button on the display for 1 second.
4. Wait 5 seconds for the electronics to initialise. Put the strap around your wrist.
5. Insert the magnetic key into its slot.
6. Turn the throttle to move forward or reverse.

The **TEMO-1000** will not start without its magnetic key. Once the magnetic key is inserted, TEMO-1000 takes 5 seconds to become operational.

If you turn the throttle before 5 seconds have elapsed, the engine will not start and the display will show the instruction to return to neutral. Put the handle in neutral and wait 5 seconds before trying again.



USEFUL INFORMATION:

The motor shaft fills with water to the water level. When you lift the motor out of the water, wait for all the water to drain out to not get wet.

CAUTION

Before setting out to sea, check that the TEMO-1000 is working properly and that the battery is fully charged so that you don't run the risk of running out of power before reaching your destination.

CAUTION

Never use the TEMO-1000 near other people in a swimming area or within 3 metres of any swimmer. Doing so could expose you to the risk of serious bodily injury or death.

CAUTION

Only operate the TEMO-1000 when the motor is in the water, to ensure proper cooling. Prolonged use away from water could lead to the risk of burns and fire and may damage the TEMO-1000.

CAUTION

Never attach TEMO-1000 directly to the user. This could cause drowning if the user falls overboard.

WARNING

The rotating propeller can cut or sever a limb when in motion. Keep your hands away from the propeller.

WARNING

When sailing, maintain a continuous 360° field of vision as much as possible.

WARNING

The magnetic key and wrist strap are designed to keep the captain safe. They must be attached to the captain's wrist so that in the event of a fall they can be used to stop the engine in an emergency by acting as a circuit breaker. Under no circumstances should the wrist strap be attached to the TEMO-1000.

WARNING

Distribute the weight evenly on board your boat to ensure stability.

NOTE:

When travelling in a boat, it is compulsory to wear a lifejacket.

NOTE:

When the battery is not being charged, the cap must always be in place on the battery charging connector to prevent any water ingress.

NOTE:

If the throttle is already turned when starting, the motor will not start for safety reasons. Once you have started the motor, turn the throttle gradually to reduce the risk of the boat becoming unstable and persons falling overboard.

USEFUL INFORMATION:

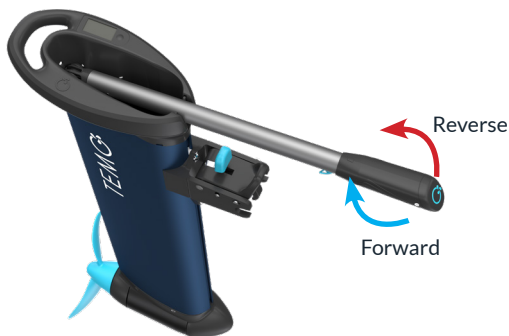
The throttle progressive and controls propeller rotation proportionally to allow you to adjust your speed.

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2. REVERSING

To reverse, simply turn the throttle in the opposite direction.

Make sure you have locked the reverse catch before you start reversing (by pushing the stop backwards). This stops the motor from lifting up.



3. STOPPING

You can stop the **TEMO-1000** in 4 ways:

- **Return the handle to the neutral position:** find the neutral position using the mechanical indicator (the notch between forward and reverse).
- **Remove the key:** the motor will stop instantly (but remain powered). To restart, make sure the throttle is in neutral and then re-insert the key.
- **Stop the engine on the on-board computer:** press the start/stop button. The TEMO-1000 will stop instantly and is no longer powered. Except in an emergency, it is best to return the throttle to neutral before switching off the motor.
- **Inactivity:** after 15 min of inactivity, the motor will switch off automatically.



4. SAFE START

WARNING

Always return the handle to the neutral position when the key is removed from a running motor before putting the key back in its slot.

5. ON ARRIVAL AT YOUR DESTINATION

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Once you've finished using the **TEMO-1000**, remove it from its bracket and store it in its carry bag (optional) or secure it on your boat using its anti-theft device (optional).

CAUTION

Never leave the magnetic key connected to the TEMO-1000 when it is not in use. Leaving the key in place could cause serious physical damage and personal injury.

WARNING

Before removing any parts, disconnect the magnetic key from the TEMO-1000.



NOTE:

When dismantling the TEMO-1000 on your boat at sea, you will need to move around the boat. Take extra care to avoid falling overboard.

FAULTS AND ERROR MESSAGES

SYMPTOM	POSSIBLE CAUSE	ACTION TO BE TAKEN
Slow down then stop the engine	High engine temperature	Disconnect the magnetic key. Allow the motor to cool in the water for about 10 minutes. Reconnect the magnetic key and turn the throttle. If nothing happens, contact TEMO customer service after sales section of temofrance.com .
Motor stopping	Propeller jam	Put the handle in the neutral position. Remove the magnetic key. Switch the TEMO·1000 off using the on/off button. Remove anything that could be blocking the propeller. Check that the propeller is rotating correctly by turning it 1 turn by hand. Reconnect the magnetic key and turn the throttle.
Slow down then stop the engine	Voltage too low	Check the battery level. Charge the TEMO·1000.
Doesn't start	Empty battery	Check the battery level. Charge the TEMO·1000.
Doesn't start	Poor magnetic key connection	Disconnect the magnetic key. Clean the magnetic key slot. Reconnect the magnetic key and turn the throttle. If nothing happens, contact TEMO customer service after sales section of temofrance.com .
Battery overheating	Prolonged use at full power in too hot an environment	Disconnect the magnetic key. Allow the motor to cool in the water for about 10 min. Reconnect the magnetic key and turn the throttle. If nothing happens, contact TEMO customer service after sales section of temofrance.com .

SYMPTOM	POSSIBLE CAUSE	ACTION TO BE TAKEN
Battery overheating	Thermal runaway	Place the battery in an open area. Do not breathe in any gas or fumes. If runaway occurs when using the battery, throw it into the water to avoid the risk of fire. Remember the position of the battery and TEMO will retrieve it.
	Battery overload	Unplug the TEMO-1000 from the charger. Allow the TEMO-1000 to cool for about 10 minutes. Contact TEMO customer service after sales section of <i>temofrance.com</i> .
Battery explosion	Battery overcharging and degassing	Disconnect the magnetic key. Contact TEMO customer service after sales section of <i>temofrance.com</i> .

CAUTION

Before any maintenance or servicing of the equipment, disconnect the magnetic key from its slot and switch off the TEMO-1000 using the on/off button.

1. RINSING THE EQUIPMENT

After each use of the TEMO-1000, rinse the submerged part of the propeller and battery with clean water. Run clean water through the openings provided to remove any remaining salt from the shaft. Finish cleaning with a cloth. This will extend the life of the installed equipment.

2. EQUIPMENT PROTECTION AND SPECIAL MAINTENANCE

Change the engine block seals every 5 years. Contact your nearest TEMO Authorised Service Centre to carry out this operation. Visit our website www.temofrance.com in the "Services and assistance" section.

3. BATTERY CHARGE LEVEL

To extend the life of the battery, store your equipment in a well-ventilated room at a reasonable ambient temperature that is not subject to temperature variations (0 to 25°C), sunlight or humidity.

If storing your TEMO-1000 for a long period, remember to set the battery to winter storage mode (see paragraph 4. WINTERING p.26).

Check the charge level every 3 months and adjust if necessary (ideally to 50%).



NOTE:

Please wear gloves when changing equipment on the TEMO-1000.

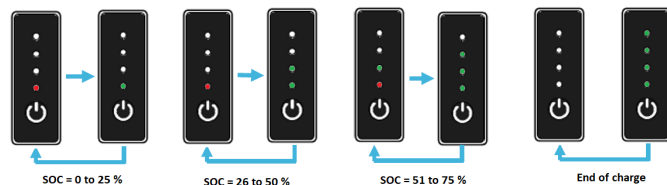
4. WINTERING

WINTERING DESCRIPTION AND PROCEDURE:

Wintering mode allows the battery to be put into a dormant state to limit its discharge during prolonged storage.

Activation:

1. Check that your battery's charge level is below 50% by pressing the battery ON/OFF button for 2 seconds (2 green LEDs or less light up on the battery level display).
2. Connect the charger to the battery's charging connector and then plug it into the mains.
3. Press and hold the battery ON/OFF button for 5 seconds. When wintering mode is activated, the first LED flashes alternately red and green. The battery LEDs light up as the battery recharges.
4. When the charge reaches 50%, wintering mode is activated and the battery goes into standby (all the lights go out).
5. Unplug the charger when the battery is in standby mode by first removing the plug from the wall socket.
6. Wintering mode is automatically deactivated when the battery is reconnected or inserted into the motor.



SOC: battery state of charge

WARNING

The battery must be stored away from all combustible materials.

It should be stored with a charge level between 30% and 50%. It should be discharged to 50% (or less) before wintering to ensure that it is stored at the correct charge level.

WARNING

If a battery fault is detected, a red light will flashe on the battery display. If it is a major fault, the LED will flash and the battery will go shut down.

Contact TEMO customer service.

NOTE:

During winter storage, it is recommended to check the battery's charge level every 3 months.

NOTE:

To extend the life of the battery, we recommend that you store it in a well-ventilated area that is not subject to temperature variations, sunlight or humidity.

5. REMOVING THE PROPELLER

The propeller can be easily replaced if necessary.

These are the steps to follow:

1. Unscrew the screw that holds the propeller in place.
2. Remove the washer.
3. Remove the damaged propeller, without knocking the pin out of the motor shaft.
4. Place the new propeller in line with the pin to ensure that the propeller is held securely on the motor shaft.
5. Fit the new washer.
6. Screw in the screw supplied in the pack, using a reasonable amount of thread lock.
7. Wait 24 hours before using the motor in water to allow the thread lock to dry.

We recommend dismantling the propeller before wintering for thorough rinsing.

6. BATTERY REPLACEMENT

The **TEMO•1000** battery is removable and independent. If you need to change the battery cells, please go to the after sales section of temofrance.com.



CAUTION

Do not charge the motor without adult supervision. There is a risk of electric shock or fire due to power surges or overcharging.



WARNING

If the battery compartment becomes damaged:
 - Do not use the battery again.
 - Do not charge the battery any more.
 - Do not short-circuit the battery.
 If electrolyte leaks from the battery, avoid all contact with the skin and all direct inhalation of the gases. Contact TEMO customer service if you have any problems.

WARNING

If the battery starts to degas, disconnect the TEMO•1000 and allow the battery to cool. If you notice thermal runaway, immerse it in water to avoid any risk of fire. Contact TEMO customer service.

**CAUTION**

Take every precaution when connecting the TEMO-1000 battery to the charger. First connect it to the charger and then connect the whole assembly to the mains.

**CAUTION**

The charger supplied with the device is not waterproof. The battery must therefore be charged away from moisture and any possible ingress of water.

**CAUTION**

Charge the battery at temperatures between 0°C and 45°C. Charge in a well-ventilated area that is not subject to temperature variations, sunlight or humidity.

**CAUTION**

Do not allow the TEMO-1000 battery to charge beyond 100% by leaving the motor in the water to turn the propeller to recharge it. This could cause a fire due to overloading.

WARNING

When the battery is not being charged, the cap must always be in place on the charging connector.

USEFUL INFORMATION:

Always charge the TEMO-1000 using the charger designed for this equipment. Using other chargers may result in damage to the device that is not covered by the warranty. Keeping the packaging for the TEMO-1000 and battery will make it easier for you to return the product to the after sales service.

TEMO WARRANTY

TEMO SAS (TEMO) provides a warranty for your **TEMO•1000** product and its battery covering any defects in parts and workmanship for a period of two years from the date of delivery to the first user.

If you purchase online from the TEMO website or from a distributor, please register your motor to benefit from 1 additional year of warranty, at: <https://www.temofrance.com/register-your-motor>

Under the terms of the warranty, TEMO will, at its own expense, repair or replace the defective product and, where applicable, reimburse the customer. As part of the repair, defective spare parts will be replaced by new or reconditioned parts. Removed and replaced spare parts become the property of TEMO, while replacement spare parts become the property of the user.

THE WARRANTY DOES NOT COVER:

- a** Product care and maintenance following normal wear and tear.
- b** Any adaptation of the product which is necessary for the purposes of compliance with technical or safety standards applicable in a country other than that for which the product was originally designed and manufactured.
- c** Damage to the product as a result of:
 - 1. Improper use or installation of the product (use not in accordance with the product's intended use, installation or use not in accordance with TEMO's instructions or with the technical or safety standards in force in the country where the product is used, etc.).
 - 2. Failure to maintain the product in accordance with TEMO's instructions or negligence in maintaining the product.
 - 3. Improper handling or treatment of the product (incorrect operation, dropping, knocks, etc.) or an inappropriate environment (poor ventilation, vibrations, exposure to excessive heat, inadequate power supply, etc.).

- 4. Use of the product with a non-compatible or faulty product or accessory
- 5. Modification or repair of the product not carried out by a TEMO-approved service provider;
- 6. Force majeure, disaster (fire, flood, lightning, etc.).

The warranty applies exclusively in the country of delivery of the TEMO products sold by TEMO SAS or in the country of registration of the registered office of its distributors.

WARRANTY ACTIVATION CONDITIONS

In the event of a technical problem, please contact TEMO Customer Service:

+33 (0)9 70 70 38 80 or via the contact form in the "After Sales" section at the bottom of the home page of the website [temofrance.com](https://www.temofrance.com).

The following information is required to activate the warranty:

- Your product reference.
- The serial number of your product.
- A description of the malfunction encountered.
- Proof of purchase of your product.
- Photographs, if necessary.

In addition to the rights arising from this warranty, the purchaser is entitled to the statutory warranty rights governing the relationship between the purchaser and the seller, which are not restricted by this warranty.

FURTHER INFORMATION

A. ENVIRONMENTS WITH EXPLOSION RISK AND OTHER ATMOSPHERIC CONDITIONS

It may be dangerous to charge or use the **TEMO-1000** in areas where there is a risk of explosion, such as those where the air contains high levels of flammable chemicals, vapours or particles. Obey all signs and instructions.

B. INTERFERENCE WITH MEDICAL EQUIPMENT

The **TEMO-1000** contains components that emit electromagnetic fields. The **TEMO-1000** also contains magnets. These electromagnetic fields and magnets can interfere with medical devices such as pacemakers and defibrillators. Consult your physician and medical device manufacturer for information specific to your medical device and whether a safe distance should be maintained between your medical device and the **TEMO-1000**.



C. PROLONGED EXPOSURE TO HEAT

Keep the **TEMO-1000** and its AC adapter in a well-ventilated, shaded area when using or charging.

D. CHARGING

Recharge the **TEMO-1000** using the cable and mains adapter supplied. Using damaged cables or chargers or charging in the presence of moisture may cause fire, electric shock, injury or damage to the **TEMO-1000** or other property. When using the AC adaptor to charge your device, make sure the cable is fully inserted into the adaptor before plugging it into a power socket. It is important to keep the **TEMO-1000** and its charger in a well-ventilated area when using or charging.

E. BATTERY

The battery must be recycled or disposed of separately from household waste at a dedicated collection point. Do not bin or burn the battery.

F. DISTRACTION

Using the **TEMO-1000** in certain circumstances can cause you to become distracted and lead to dangerous situations (for example, the propeller coming out of the water or the motor being activated out of the water by mistake). Follow the rules and precautions set out in the manual to avoid any problems.

G. HANDLING

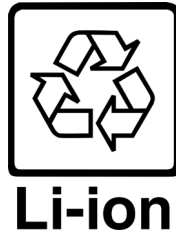
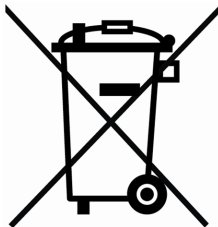
Handle the **TEMO-1000** with care. It is made of metal and plastic and contains sensitive electronic components. The **TEMO-1000** or its battery may be damaged if it is dropped, burned, pierced, scratched, crushed or if liquid comes into contact with its non-watertight parts. If you suspect that the **TEMO-1000** or the battery may be damaged, discontinue its use as this could damage the battery causing overheating and injury. Contact TEMO customer service.

H. REPAIR

Do not open the **TEMO-1000** or its battery or attempt to repair them yourself. Disassembling the **TEMO-1000** or its battery may damage them and affect their resistance to splashes and water, or cause injury. Any repairs carried out without the express agreement of TEMO will invalidate the motor's warranty. If the **TEMO-1000** is damaged or not working properly, please go to the after sales section of [temofrance.com](https://www.temo.france.com). You can then use the form to register an after sales service request.

DISPOSAL AND THE ENVIRONMENT

The **TEMO-1000** is manufactured in accordance with Directive 2012/19/EU. This directive regulates the disposal of electrical and electronic equipment with a view to ensuring sustainable protection of the environment and of human health. Depending on local regulations, you can return the motor and/or its battery to a collection point. From there, it will be taken to specialised treatment facilities.



DECLARATION OF CONFORMITY

Written declaration of conformity

Name of manufacturer : TEMO
Address : 17 Rue Daniel Gilard
Town : Vannes Post code : 56000 Country : France

Equipment covered by the DOC :
Engine : TEMO-1000 Battery : NeoLi 47-0.9

Harmonised standards or other reference documents used	Harmonised standards, CE application	Harmonised standards, CE application, Part 1B	Other reference documents, CE application	Other reference documents, CE application, Part 1B	Other proof of conformity, CE application, Part 1B
Directive 2013/53/UE du 20/11/2013 - relating to pleasure craft and nautical motor vehicles				✓	
Norm EN ISO 25197 : 2020 - Small craft - Electrical/electronic control systems for steering, shift and throttle		✓			
Norm EN ISO 16315 : 2016 - Small craft - Electric propulsion system		✓			
Directive 2006/42/CE du 16/05/2006 - relating to machines			✓		
Norm EN ISO 12100 : 2010 - Safety of machinery General principles for design Risk assessment and risk reduction			✓		
Directive 2014/30/UE du 26/02/2014 - relating to the harmonization of the laws of the member states concerning electromagnetic compatibility	✓				
Norm NF EN 60945 : 2003 - Maritime navigation and radio-communication equipment and systems - General specifications - Test methods and required results	✓				
Norm NF EN 61000-4-2 : 2009 - Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	✓				
Norm NF EN 61000-4-3 : 2006 - Electromagnetic compatibility (EMC) - Part 4-3: Testing and Measurement Techniques - Immunity test to radiated electromagnetic fields at radio frequencies	✓				

This declaration of conformity is issued under the sole responsibility of the manufacturer. It is valid for all copies manufactured according to the plans and specifications forming part of the technical documentation required in the regulatory framework. I, the undersigned, Alexandre SEUX, acting as President of TEMO France, declare on behalf of the manufacturer that the equipment mentioned above complies with the essential requirements of the standards and reference documents, as mentioned above.

Signed up on 01/08/2024, in Vannes
Name and function : Alexandre SEUX - President
Stamp & Signature :





TEMO

17 Rue Daniel Gilard - 56000 VANNES

Tel: +33 (0)9 70 70 38 80

E-mail: hello@temofrance.com

Non-contractual document