



the light that *adds life* to your pool

**GlowBuoy User Guide: Model No. PC60-1000**

Congratulations. You're one of the many smart pool owners who have discovered the new way to get more life out of their pools. As the owner of a GlowBuoy rechargeable floating light you, as well as your family and friends, can now enjoy your pool any time, day or night.

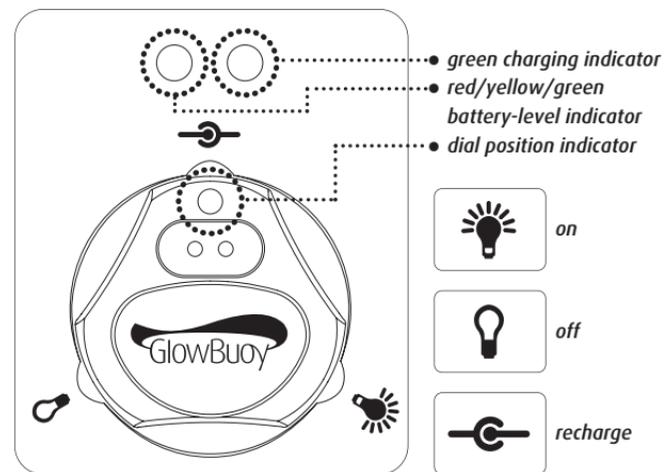
To get full enjoyment out of your GlowBuoy, and to maintain it in top working condition for as long as possible, please take a few minutes to read this instruction manual.

Enjoy your GlowBuoy!

## Operating Instructions

**Note:** The product must be fully charged before it can be used for the first time.

Before using this product, read and follow all warning notices and instructions enclosed. Failure to follow safety warnings and instructions can result in severe injury, death, or property damage. Save these instructions for future use. Do not charge, operate, or store the GlowBuoy at temperatures below 50°F/10°C or above 113°F/45°C. If your GlowBuoy does not function as expected, follow the troubleshooting instructions in this manual before returning the product.



### UNPACKING YOUR GLOWBUOY

1. Remove the product, stand, and charger from the package and inspect for any damage from shipping.
2. Place the product in the foam stand, using the handles under the rim to carry the GlowBuoy.
3. Remove warning sticker from the top-mounted dial.

### CHARGING YOUR GLOWBUOY

It is recommended that the GlowBuoy be fully charged between uses to get maximum use time from the light; however, no damage will result from partial charging.

You need to fully charge the GlowBuoy when:

- You are using it for the first time.
- The battery-level indicator is flashing red or yellow at a fast rate. *See diagram.*
- The GlowBuoy light fails to turn on.

4. Plug the charger into a wall outlet.
5. Rotate the top-mounted dial to the recharge symbol position. *See diagram.*
6. Insert one end of the charger cable into the opening in the dial. Three things should happen:
  - i. The light will turn on for about four seconds for a system test.
  - ii. The charging indicator will turn green to show that the product is charging. *See diagram.*
  - iii. The battery-level indicator will light. The colour indicates the current charge level. See chart for battery-level status during charging.
7. Your GlowBuoy is fully charged when both indicator lights

are steady green. If the indicator lights fail to show steady green after five hours of charging, refer to the troubleshooting section of this guide.

8. When product is fully charged, unplug the charger cord from the GlowBuoy and the wall outlet.

### INDICATOR LIGHTS

The GlowBuoy has two LED indicator lights on the top next to the dial. When you plug in your GlowBuoy, the left light turns green to show that the battery packs are charging. The right light, called the battery-level indicator, changes colour to show the charge-level of the battery pack. Note that when charging, the product is not ready for use if the battery-level indicator is yellow or red. The battery may have to cycle up to 3 times to reach full capacity.

If the battery-level indicator is:

<i>Solid green</i>	The battery pack is fully charged.
<i>Slow flashing green</i>	The battery pack is almost fully charged.
<i>Slow flashing yellow</i>	The battery pack is half charged.
<i>Medium flashing yellow</i>	The battery pack is less than half charged.
<i>Fast flashing yellow</i>	The battery pack has almost no charge.
<i>Fast flashing red</i>	A charge error has occurred and the battery condition is questionable.

### ENJOYING YOUR GLOWBUOY

9. Rotate the top-mounted dial to the ON position. If the GlowBuoy does not light, follow the instructions in the troubleshooting section of this guide.
10. Put the GlowBuoy in your swimming pool. You can tether it to the side of the pool using the suction cup (provided) or let it float freely in the pool.
11. The GlowBuoy will operate for up to 4 hours, depending on the initial charge level and the age of the battery pack.

### STORING YOUR GLOWBUOY

When storing your GlowBuoy:

- If the battery is fully discharged, charge the GlowBuoy immediately.
- If you do not want to charge the GlowBuoy immediately, rotate the top-mounted dial to the OFF position.

12. To turn off the GlowBuoy, remove it from the pool and rotate the top-mounted dial to the OFF position.
13. Gently dry your GlowBuoy with a towel and store in the foam stand in a cool, dry place.

When the GlowBuoy is stored for an extended period of time (more than five days), the charger should be plugged in and connected to the GlowBuoy. The product will remain in battery-maintenance mode and keep the battery pack fully charged for an extended period. If this is impractical, the GlowBuoy should be fully charged and stored in a cool, dry place. The GlowBuoy should be recharged every two months if it is not continuously plugged in.

*Do not store your GlowBuoy in an environment with a temperature below 50°F/10°C or above 113°F/45°C.*

## Product Troubleshooting

### 1. Light fails to turn on when product is switched on.

**Possible causes:**

- Battery pack not charged. Follow charging instructions.
- Dial not in correct position. Check the operating instructions.
- System is not initialized. Is this the first time the product has been used? Check the first-time use instructions.
- Bulb is damaged. Check that the bulb is functional by plugging in the charger and running the self-test cycle. If bulb does not light for four seconds, unplug the GlowBuoy and take it to an authorized service depot.
- GlowBuoy is in battery-preservation mode. After an extended period of time without being charged, the GlowBuoy will go into battery-preservation mode and the light will not switch on. This is a normal function. The GlowBuoy will need to be recharged to restore normal operation.
- Power control circuit or battery pack is defective or damaged. Take the GlowBuoy to an authorized service depot.

### 2. Red indicator light is flashing when charging.

A red flashing indicator light when charging indicates a self-test error condition. Unplug the product and plug it in again. If the indicator light continues to flash red, unplug the GlowBuoy and take it to an authorized service depot.

### 3. Light does not turn on (4-second test) when charger is plugged in.

**Possible causes:**

- Bulb is damaged. Check that the bulb is functional by plugging in the charger and running the self-test cycle. If bulb does not light, unplug the GlowBuoy and take it to an authorized service depot.
- Power control circuit or battery pack defective or damaged. Take the GlowBuoy to an authorized service depot.

### 4. Battery will not charge.

**Possible causes:**

- Charger not plugged into a live wall outlet. If green charging-indicator light turns on when the charger is connected, the GlowBuoy power controller is receiving power. If it does not light, try plugging into a different wall outlet. If bulb does not light, unplug the GlowBuoy and take it to an authorized service depot.
- Charger circuit or battery pack defective or damaged. If the charging-indicator light goes on but the battery pack does not charge in the expected amount of time, the

battery pack or the power control circuit may be damaged. Unplug the GlowBuoy and take it to an authorized service depot.

- Temperature too low or too high. The battery pack will not charge if the temperature is below 50°F/10°C or above 113°F/45°C. When battery charging is delayed due to the temperature being outside of this range, the charging-indicator light will flash yellow very quickly. To restore charging, the GlowBuoy needs to be in an environment where the temperature is between 50°F/10°C and 113°F/45°C.

**Note:** High temperatures can permanently damage the battery pack. Do not charge, store, or operate the GlowBuoy at temperatures below 50°F/10°C or above 113°F/45°C.

### 5. Light does not run for the expected amount of time (about 3 to 4 hours).

**Possible causes:**

- Battery pack not fully charged. Check the charge level and recharge the product as noted in the charging instructions.
- Battery pack or charger defective or damaged. Run the GlowBuoy through several recharge cycles. If the product fails to hold a full charge but the indicator lights show normal operation, take the GlowBuoy to an authorized service depot.
- Battery pack is old. After 600 or more recharge cycles, the battery pack may lose capacity. To replace the battery

pack, take the GlowBuoy to an authorized service depot.

- Product is overheated. The GlowBuoy's internal over-temperature circuit will shut off the product to prevent damage. Allow the GlowBuoy to cool down, then test for normal operation.

### 6. Water in the housing. Do not operate light if water is visible inside the housing.

**Possible causes:**

- Damaged housing. Check housing for damage. If damage is found, take the GlowBuoy to an authorized service depot.
- Leaking housing seal. Check that the housing is properly closed and that the tamperproof seal is intact. If the seal has been broken, take the GlowBuoy to an authorized service depot.
- Battery pack vent damaged. Turn the top-mounted dial to the OFF position. If the white seal under the knob is damaged, take the GlowBuoy to an authorized service depot.

### 7. Housing feels very hot to the touch during operation or charging.

Unplug or switch off the GlowBuoy and let it cool down. Plug in the product again and monitor. If the problem persists, immediately unplug the GlowBuoy and take it to an authorized service depot. The charger circuit or battery pack may be defective or damaged.

## Servicing

If your product is not operating correctly or exhibits a marked change in performance, or you are unable to restore normal operation by following the detailed procedures in these instructions, take the GlowBuoy to an authorized service depot for expert service and original parts if required.

***Do not attempt to service your GlowBuoy. There are no user-serviceable parts inside. Opening the housing will void your warranty.***

For service assistance call toll free in US: 800-448-2343; or toll free in Canada: 800-387-2444, or visit [www.glowbuoy.com](http://www.glowbuoy.com) to find an authorized service depot.

### IMPORTANT SAFETY INSTRUCTIONS

Read and follow all instructions. Save these instructions for future use.

## ! WARNING !

**BEFORE USING THIS PRODUCT, READ AND FOLLOW ALL WARNING NOTICES AND INSTRUCTIONS ENCLOSED. FAILURE TO FOLLOW SAFETY WARNINGS AND INSTRUCTIONS CAN RESULT IN SEVERE INJURY, DEATH OR PROPERTY DAMAGE.**

1. Completely read and understand this instruction manual before using this product.
2. This product is not intended as a lifesaving device.
3. Do not charge the product in a pool, water, or in rain. Charge in a dry, sheltered location.
4. Do not leave the product under a pool cover. Do not charge the product under a pool cover.
5. Do not dive or jump on or near the product; doing so may cause personal injury and/or damage.
6. This product is not a toy.
7. This product is not for use as a flotation device.
8. Do not throw, drop, or misuse this product; doing so may cause personal injury and/or damage.
9. Danger: To reduce the risk of electric shock, do not open this product. There are no user-serviceable parts inside. Warranty voided if opened.
10. Do not open to replace bulb or battery pack. Return to an authorized service depot to have product serviced by a qualified service professional.
11. Do not locate the product near the ladder, diving board, or swimmers' diving area.
12. Do not intentionally submerge the product.
13. Do not operate the product if housing is cracked or showing water leakage; remove from pool or water immediately.
14. Danger: Do not place the product near open flame, fire, or extreme heat; doing so may cause a fire or an explosion.
15. Charge the product using only the supplied wall-mounted power adapter/charger; using an incorrect charger can cause permanent damage to the product and possibly cause a fire, explosion, chemical leaks, or burns.
16. Do not use the power adapter/charger if the cord is damaged.
17. The product should not be operated or charged by young children.
18. Battery pack must be fully charged for longevity and to achieve best results.
19. To avoid the risk of entanglement and choking, keep tethering string away from young children. Make sure product is securely fastened to wall when using it with suction cup string assembly.
20. Plug power adapter/charger into wall outlet only. Do not use an extension cord.
21. Dispose of NiCad battery pack and light bulb properly and according to local government rules, regulations, and laws.
22. Do not touch or block or damage battery vent membrane under switch knob. Damage to vent membrane voids warranty.
23. Very low and very high temperatures can permanently damage the battery pack. Do not charge, store, or operate the GlowBuoy at temperatures below 50°F/10°C or above 113°F/45°C.
24. Cleaning: Unplug power adapter/charger from wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a soft damp cloth with mild detergent.

### SPECIFICATIONS: USA AND CANADA

#### ***Charger, Battery Pack, and Light Specifications***

- 14 V AC, 1.5A UL/CSA-approved wall plug adapter and charger
- 12 V DC NiCad depot-replaceable battery pack
- 12 V DC fluorescent, depot-replaceable, 6,000-hour-rated light bulb
- 5-hour charge time
- 3-4 hour operating time with fully charged battery
- Operating, recharging, and storing temperature range: 50°F/10°C to 113°F/45°C

#### ***Operating Features***

- Automatic charge cutoff at 5 hours
- Automatic over-temperature cutoff
- Automatic bulb and battery test on charging
- Safety interlock system for charging and operation
- 6-level LED battery-power-level meter
- Waterproof to 10 feet/3 metres for 30 minutes



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