



20090929

Thank you for choosing Lugh dive light.
To help maintain its performance and reliability for many years,
we would like you to take a few minutes and read through this manual.

General Information

- 21 Watt HID
- 9 Ah NiMH batteri
- ~240 min burntime (approx’).
- 1500 Lumen
- 6500 Kelvin



The light is pressure tested to approx’ 100 meters before delivery.

Charging

First attach the charger to the battery, then plug in the charger to the power outlet.
If only loose pluggs are used and it's a charger without socket,
check that the polarity isn't switched. **Red to Red** and **Black to Center female**
The charger should never be covered during charging and is suitable for indoor use only.
The charger should be placed in a horizontal position (lying).

Charging should be discontinued after 7 hours with, for example, a timer.

Charging should always be supervised.

Charge the battery directly after use.

It is not good to leave the battery uncharged for long periods of time..
Be aware that the battery loses charge with time and could require charging
after approximately 1 month. Currently there is no information from the charger
manufacturer regarding reverse current.

Therefore disconnect the charger and battery when not in a charging cycle.
First disconnect the charger from the power outlet, then the battery from the charger.
You may mount the lid directly after charging and store it, but the
lid should not be locked with the latches.

Never empty the battery with some other consumer then these lights.



Transport

Do not transport the lamp with the battery attached because the lamp may be accidentally switched on and become very hot. If the battery canister and lid/lamp are transported separately the sealing surface (i.e. the face where the upper o-ring sits on the battery canister) should be protected against damage.

Before Use

Check that there aren't any particles on the o-ring or sealing surface. Place and assemble the lid in contact position on the canister.

Make sure that neither the glass nor the lamp has been damaged in transportation. The lamp should be turned away from eyes and face when lighting.

The lamp should not be used out of water for more than 1 minute.

Do not look directly into the lamp when lit.



After Use

Open the end cap.

Leave the end cap off for a while to vent any possible gasses.

Assemble the lid, turn it 180° to transport position and lock the latches.

Wash the lamp in fresh water.

Charge the battery.

Correctly maintained battery will live longer.

After Some Time

O-rings don't normally wear, but will require replacing if damaged.

The bottom o-ring should be greased. The upper o-ring should not have grease as this could help particles stick.

The rubber armoring on the lamp cable should be checked regularly.

Good To Know

- The o-ring on the inside compensates to a degree for careless attachment.

Battery

20HR-4/3FAU 12V 9Ah



Charger

Input voltage: 100-240 VAC
Frequency range: 50-60Hz
Output current: 2,5 Amp Charge Current
Tolerance: ± 5%
Max charge time: 11h



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