



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

16 Watt LED

Approx. Burntime in minutes.

|             |        |        |      |
|-------------|--------|--------|------|
| 4,5 Ah      | 9Ah    | 13,5Ah | NiMH |
| 180min      | 360min | 540min |      |
| 940 Lumen   |        |        |      |
| 5600 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** or femail marked  
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).

**5 hours charging after complete discharge.**

**Charge the battery after use.**

**Charging should always be supervised.**

**Charging should be discontinued after 10 hours with,  
for example, a timer.**



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 than these lights.**



## Transport

Do not transport the light with the battery attached because the light may be accidentally switched on and become very hot. If the battery canister and lid/light are transported separately the sealing surface (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 light 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 light 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.

Switch boots can be damaged under careless transport. Get the habit to always check it.

The rubber armoring on the light cable and the cable itself 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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