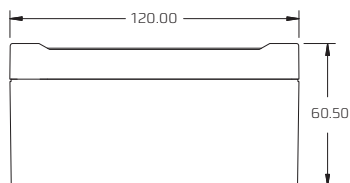
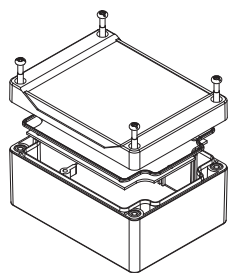




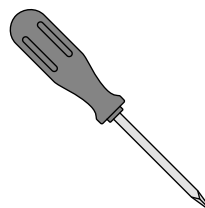
APRANGE – START-UP INSTRUCTIONS

APRANGE



ELEMENTS REQUIRED FOR ASSEMBLY

Screwdriver with PH2 tip



ELEMENTS INCLUDED FOR ACTIVATION

Magnet



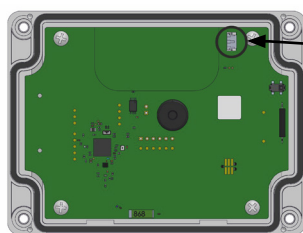
START-UP INSTRUCTIONS

To ensure proper and safe operation of the device, please carefully read the installation instructions below and follow them step by step. Skipping or incorrectly performing any of the steps may result in improper operation or damage to the device.



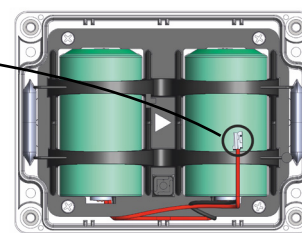
1. Open the device

- Make sure you are in a dry, clean environment.
- Using the appropriate screwdriver, unscrew the 4 screws on the device cover.
- Carefully remove the cover and put the screws in a safe place.



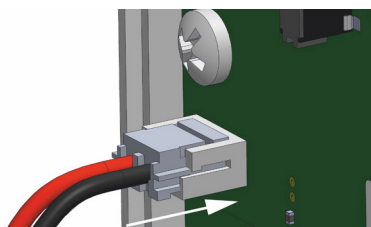
2a. Connect the battery

- Locate the battery connector on the PCB (printed circuit board).



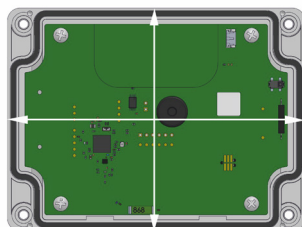
2b. Connect the battery

- Connect the battery to the dedicated socket on the PCB, making sure the plug is fully inserted and correctly aligned.



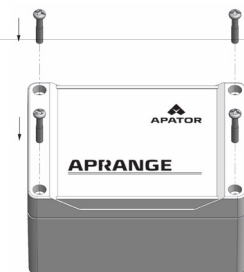
2c. Connect the battery

- Arrange the battery and cables so they do not pinch the gasket or cover.



3a. Close the housing

- Put the cover back on the housing, making sure it fits correctly on the gasket.



3b. Close the housing

- Tighten the 4 screws evenly, in a cross pattern (e.g. top left → bottom right → top right → bottom left) to ensure uniform pressure on the gasket.



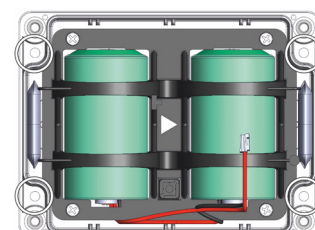
4. Wake up (activate) the device

- Locate the indicated activation area on the housing (magnet symbol / marked spot).
- Place a magnet (you can find it in the box alongside APRANGE) on this marked area and hold it there for a short moment (wave if doesn't work).



5. Confirm successful activation

- In case of successful activation, you will hear a confirmation tone with a rising pitch from the device (a tone with a falling pitch in case of inability to connect).
- After hearing this tone with rising pitch, the device is correctly powered and activated, and will start normal operation.



6. Mounting possibility

- Directly to the wall, with screws. In the future, mounting equipment will be added to the assortment (e.g. pole mounting kit).



SAFE OPERATING CONDITIONS



Risk of electrolyte leakage



Risk of battery ignition



Do not operate equipment in extreme weather conditions



Do not remove, charge, recharge by other means, disassemble, throw into fire, or short-circuit the battery



BASIC INFORMATION



Ambient temperature **-20 - 70°C**



Battery life **up to 10 years**
(depends on telegram frequency & enviromental conditions)



RF connectivity parameters: EU868MHz do **25 mW** E.R.P.



Communication standard: LoRaWAN TS001-1.0.4
i TS 001-1.0.4-compliant



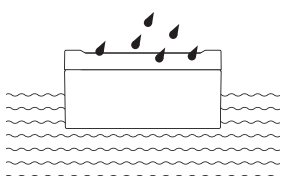
SHIPPING AND STORAGE

Protect against shocks and vibration

Store between 10°C and 30°C



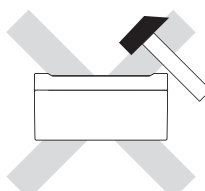
INSTALLATION AND OPERATING RECOMMENDATIONS



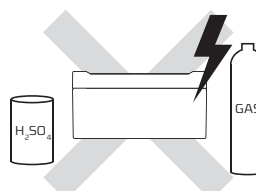
This device is suitable operation in wet or flooding conditions per IP68.



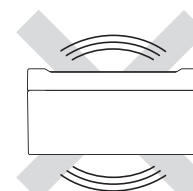
Report defective APRANGE for a service.



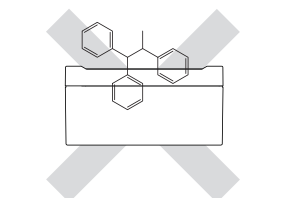
Protect from shocks.



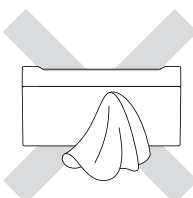
Do not use near sources of acids, gases and/or electrical systems.



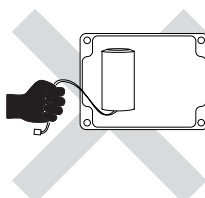
Protect from vibration.



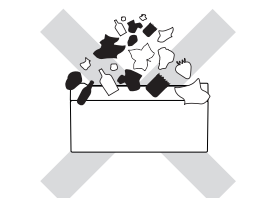
Keep away from: acetone, ketones, ethers, and aromatic and chlorinated hydrocarbons.



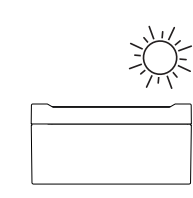
Avoid using strong solvents or cleaners. Please use only cleaners listed as plastic safe.



Do not pull the battery cable.



Keep the installation site clean.



High UV resistance.



Do not dispose of the device with household waste.
Bring the device to a selective waste collection point. Please recycle.

NOTE: See www.apator.com for detailed information about the operating principle and conditions.

Apator Powogaz S.A. has the right to modify and improve the manufactured equipment without prior notice.



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