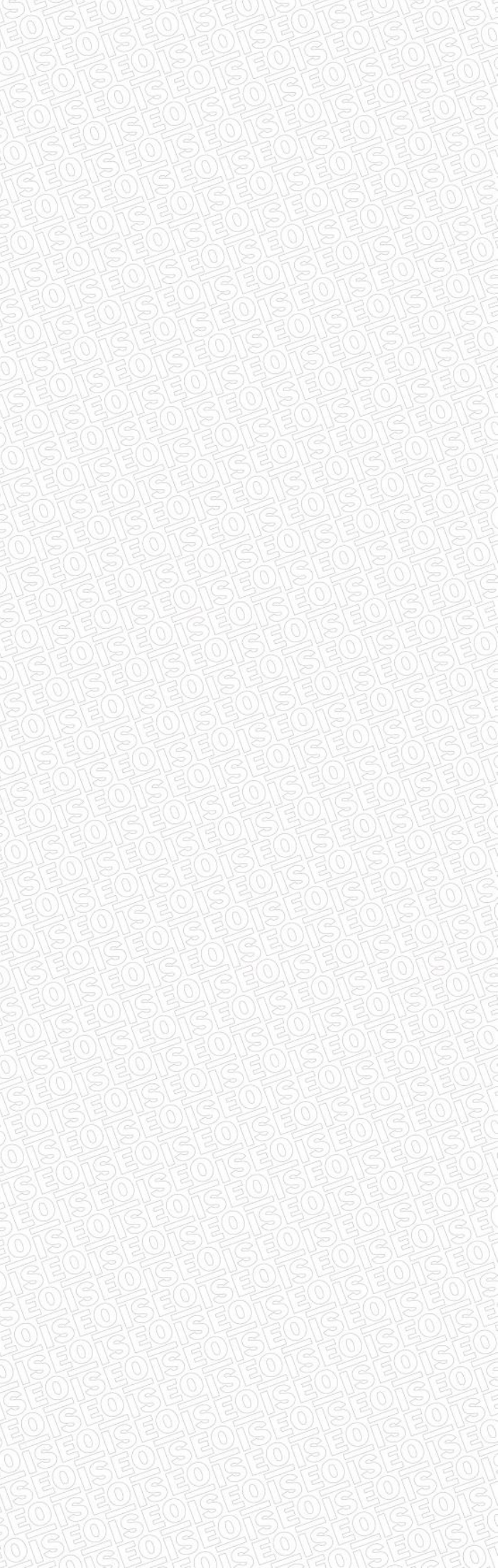




USER MANUAL

Atlas - Batteries

How to use this manual

Thanks for choosing this innovative ISEO product.

This user manual was compiled to offer a guide on the installation of SIRIO.

For the installation of the devices, set-up of the opening and other operations not described herein, refer to the installation and configuration manuals, available in the download area of ISEO Zero1's website, at:

www.iseozero1.com

The installation, initial set-up and changes to the setting, require the intervention of qualified staff, properly trained by ISEO Zero1.

- Read this manual prior to use the device in order to ensure a safe and proper use
- Preserve this manual as future reference

Informative icons

Please familiarise with the icons below, for an easy reading of the manual:



Warning: it indicates situations that could cause harm to people or animals



Be careful: it indicates situations that could cause damages to the device or other equipment



Note: it indicates notes, suggestions and additional information

Information on copyright

The rights concerning all technologies and products which are part of this device, belong to the relative holders.

NiMH battery



Functionality

The function of this battery is to allow the Atlas controller a safe shutdown in case of the main power supply failure.

The power supply and the NiMH battery levels are monitored by the firmware.

When there is a power supply failure, the firmware close the serial channel and other peripherals to preserve all the NiMH battery charge to manage the database. When also the NiMH battery level is too low, the firmware closes all the databases and make a safe shutdown.

This battery is not used as power back-up system in absence of the power supply.

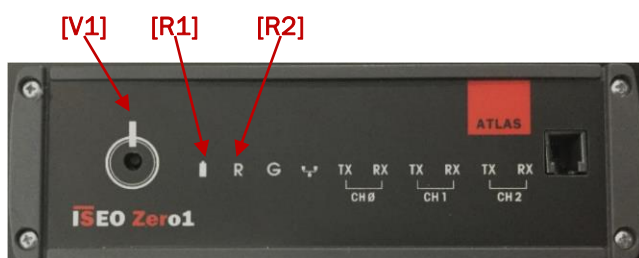
The NiMH battery can last up to half an hour without power supply depending on the Atlas configuration and connected devices.

In stock

When the Atlas is in the warehouse and not connected, this battery discharges and therefore to keep this battery healthy, you need to connect the power supply for 24 hours to recharge the NiMH battery.

After a recharge cycle, to switch off the Atlas proceed as follows:

- unplug the power supply, the green led [V1] turns off and the battery led indicator [R1] turns on;
- hold the S3 button on the back of the Atlas until the red led [R2] turns on;
- during this time the controller performs a safe shutdown;
- the operation is complete when all the leds turn off.



FRONT



REAR

Lithium battery



Functionality

It's a non-rechargeable Lithium battery.
This battery will discharge in about 4 years.

In stock

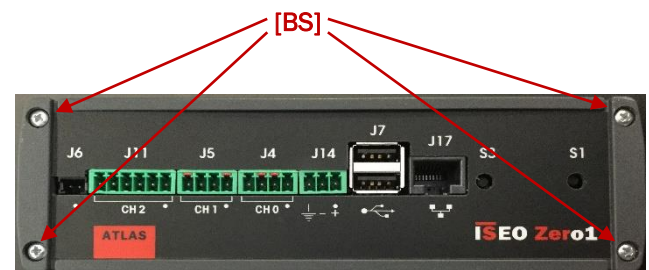
If there is no power supply and the Atlas is switch off, the Battery runs approximately in one year. In this condition, this battery keeps the clock circuit on.

Spare part

You can replace the original one with a new standard CR 2032 battery.

To replace this battery proceed as follows:

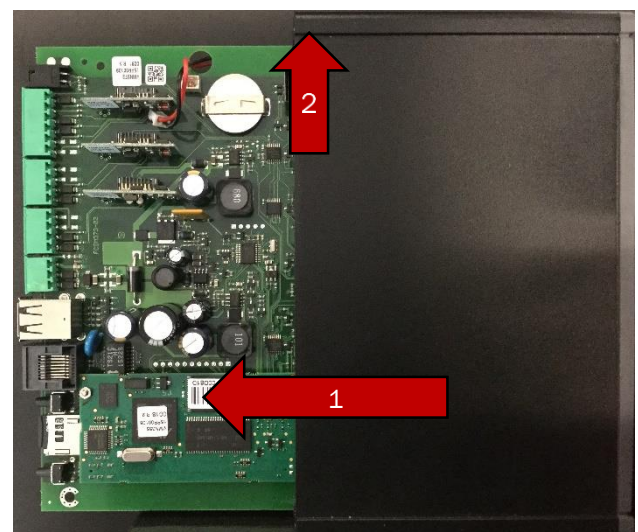
- remove the four screws [BS] from the back and remove the panel (img.1);
- remove the rubber foot [RF] and the screw [SC] on the bottom side (img.2);
- extract the electronic board from the box (img.3);
- remove and replace the lithium battery (img.3).



(img.1)



(img.2)



(img.3)



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