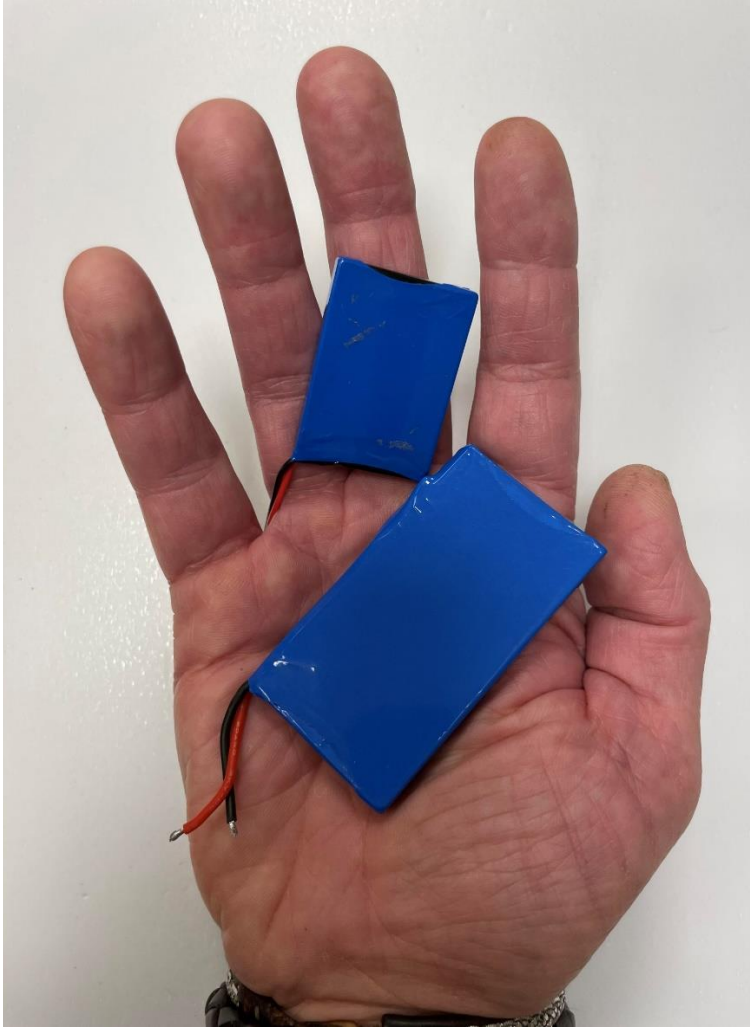
Smart Power Save

Smart Power Save is a functionality designed to achieve the optimal battery lifetime for the Personal Alarms, depending on how the units are used.

The Smart Power Save functionality enables the utilization of the active components in an optimal way. Depending of user scenario the power consumption can be increased with minimal impact on personal safety. The user shall always be able to rely on a Personal Alarm from SRT.



Batteries

Battery sizes vary and depending on size the capacity will be different. The SRT406/406i, the larger alarms, contains a battery with the capacity of 2020 mAh. The smaller SRT405/405i alarms comes with a battery of 630 mAh capacity.

Configuration possibilities

To achieve the longest possible battery time there are various ways to configure the Personal Alarms corresponding to different user scenarios. There is for instance a big difference if you spend your time stationary in the office or spend your days driving around in a car or walking. Different user scenarios are for example:

- Office work (stationary)
- Driving (car or truck for example)
- Walking
- A combination of a stationary and moving workday.

Battery times SRT405/405i

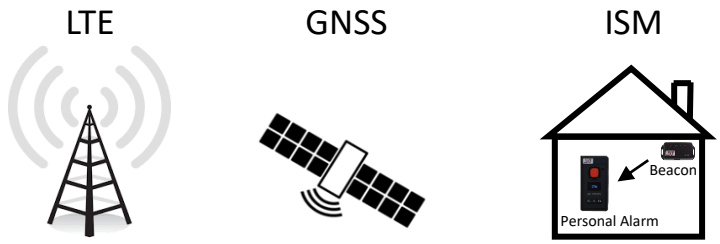
- Stationary office work the entire day gives you up to approximately 48h battery time.
- Mainly in the office plus a few shorter trips during the day will give you up to 30h battery time.
- Half day in the office and half day travelling gives you up to 25h battery time
- Spending the workday on foot all day will give you up to approximately 20h battery time.

Battery times 406/406i

- Stationary office work the entire day gives you up to approximately 90h battery time.
- Half day in the office and half day travelling will give you up to 50h battery time.
- Workday on foot all day gives you up to 40h battery time.

External influence

It is very risky to state how long a battery will last before it needs charging. External factors such as how good your coverage is will have a big impact. The device will have to work harder, hence consume more battery, to keep sufficient signal strength in an area of poor coverage.



Active components in the personal alarms:

- LTE – module for mobile network
- GNSS – module for positioning
- ISM – module for indoor positioning

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