

# Saft soldier batteries: our energy is your ally



**SAFT**

# When the mission is critical, Saft batteries



The modern soldier shall never be alone in the field. Sophisticated portable navigation and communication systems link them to their squad and command centers for guidance and total situation awareness updated in real-time. Biological and environmental sensors deliver vital feedback on health. Night vision systems are enhanced with augmented reality. But to maintain in-theatre superiority, all this electronic equipment demands a robust and reliable energy source. In fact, for today's infantry, mission success can depend more on battery power than fire power.

The need to carry batteries must never compromise the safety of soldiers in the field or their ability to complete the mission. They essentially must offer the ideal combination of energy density, reliability and lightweight design. Saft is uniquely placed to help as a world leading developer and volume manufacturer of specialist battery technologies purpose-designed for portable military applications.

## Saft batteries are at the ready to power all the equipment carried by modern infantry

### Saft has you covered

Saft covers every aspect of portable military technology with state-of-the-art primary or rechargeable electrochemistries. Our solutions range from centralised soldier energy storage systems to military standard batteries for equipment such as GPS, night vision, inter-team and broadband radios.



- Night vision
- GPS
- Personal role radio
- Tracking
- Inter team radio
- Weapon sight
- Targeting laser
- Tactical light
- Body camera
- Tactical headset
- Battlefield tablet
- Biological monitors
- Energy storage battery
- Energy management module

# make the difference

160  
military battery references

Saft has established an unrivalled field record of more than 110 military battery references for OEM equipment in primary batteries (non-rechargeable) and 50 references in secondary batteries (rechargeable). These cover military equipment from the 1970s right up to today's cutting edge future soldier systems.

## When the going gets tough, Saft gets going

Commercial or consumer grade equipment simply does not fit the bill for the extreme environmental conditions faced by military equipment in the field. Ruggedised battery systems that perform without missing a beat in both exceptionally high and low temperatures are considered the norm rather than the exception. And when have military operations ever been conducted in conditions that could be considered normal? So accepting anything less than batteries capable of surviving in these extreme conditions with ease means taking an unnecessary risk.

## The perfect battery for every military platform

You should talk to Saft right now about our purpose-designed military batteries for the real world of asymmetrical conflict. We believe that there is no platform of portable military equipment that cannot benefit from the improved field performance made possible by our unique electrochemical technologies for primary and rechargeable batteries.

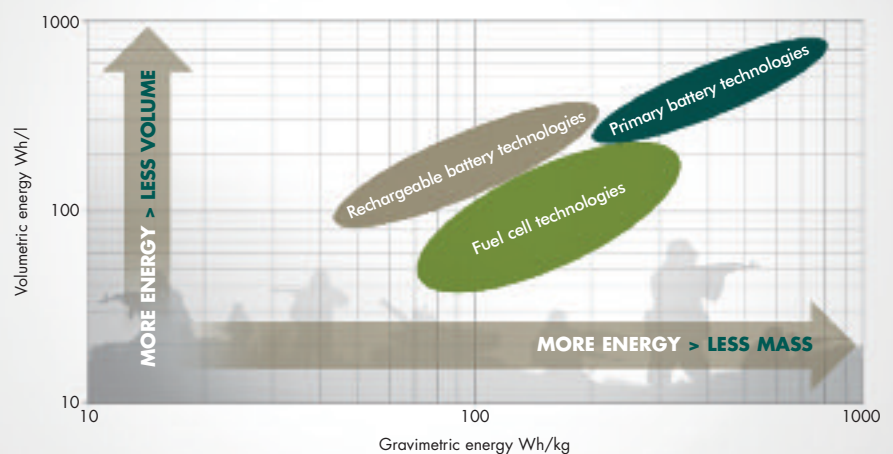
## Saft batteries – performance without compromise

You wouldn't expect to buy top grade military equipment from a retail warehouse, so why would you buy your batteries there? A consumer laptop is not designed to meet military standards or operate under extreme field conditions and you wouldn't expect it to – and a battery from the same type of source can never be expected to survive in the line of duty in the front line.

Saft will work with you to design the ultimate, no-compromise battery that is perfectly aligned to your mission needs. That includes meeting all requirements for weight, power, energy performance, cycle life, rechargeability and operational temperature range.

No matter if you need a complete energy system or an independent piece of deployable equipment, Saft military batteries are always the smart choice for modern infantry.

*Saft rechargeable and primary battery technologies offer an optimized combination of volumetric and gravimetric energy density*



# Saft is committed to the highest standards of environmental stewardship

As part of this environmental commitment, Saft prioritises the use of recycled raw materials over virgin raw materials in all manufacturing processes. We also strive, year on year, to reduce air and water emissions from our plants, as well as minimizing water usage, reducing consumption of fossil energy consumption and associated CO<sub>2</sub> emissions, and ensuring that all our customers have access to recycling solutions for their

spent batteries. To facilitate the end-of-life collection and recycling of industrial batteries, including our nickel & lithium-based technologies, Saft has developed well-established partnerships with collection companies in most EU countries, in North America and in many other countries worldwide. This collection network receives spent batteries from our customers and dispatches them to fully approved recycling facilities, in compliance

with the laws governing trans-boundary waste shipments. This collection network is currently undergoing minor adaptations to meet the requirements of the EU batteries directive. A list of our battery collection points is available on our web site. In other countries, Saft will assist anyone using our batteries in finding environmentally sound recycling solutions. Please contact your sales representative for further information.



## Saft

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