



The company and its mission.

The concept of the generation and use of energy is evolving rapidly. In order to protect and conserve the environment we live in, we all recognize that we need to use renewable energy. We need clean energy for a sustainable future. The sun, wind and heat of our planet make this type of energy available. The progressive use of these sources as a substitute for energy derived from fossil fuels can slow down climate change caused by the massive emission of carbon anhydride and other toxic substances into the atmosphere. The FIAMM SoNick mission is to significantly contribute to more efficient management of clean energy for sustainable mobility and energy storage. The mission was originally initiated by MES-DEA, the Alternative Energy

Safe, alternative, green.

Division of MES (Swiss Electric Micromotors), in the search for clean energy for sustainable mobility. It is a mission which we pursue thanks to the technical competencies of the FIAMM Group. The challenge lies in storing small and large amounts of energy for stationary use. FIAMM, a brand that represents the history of the battery and symbolises the battery in Italy, and the FIAMM SoNick sodium nickel chloride technology unite to bring life to a new era in energy storage for renewable energy, back up power and sustainable mobility.



Numerous advantages, zero emissions.



Advantages and features.

FIAMM SoNick 'salt' batteries do not require maintenance yet guarantee durability and reliability. The safety of these batteries makes them especially suitable for mobile applications such as cars, vans and buses. The battery has an internal working temperature of 270°C which guarantees high performance and durability regardless of the ambient temperature.

- **Extremely low running costs**
- **Operation regardless of outside temperature**
- **Capacity to store energy indefinitely**
- **40% less weight than lead batteries**
- **No harmful emissions**
- **Rapid charging and discharging capacity**
- **No toxic or harmful material**
- **No maintenance**
- **All its parts are recyclable**
- **70% less volume than conventional batteries**



100% recyclable.

FIAMM SoNick batteries are 100% recycled after use. The battery materials are recycled to produce stainless steel: the nickel and iron go into alloys while the salt and ceramic are used for road beds.

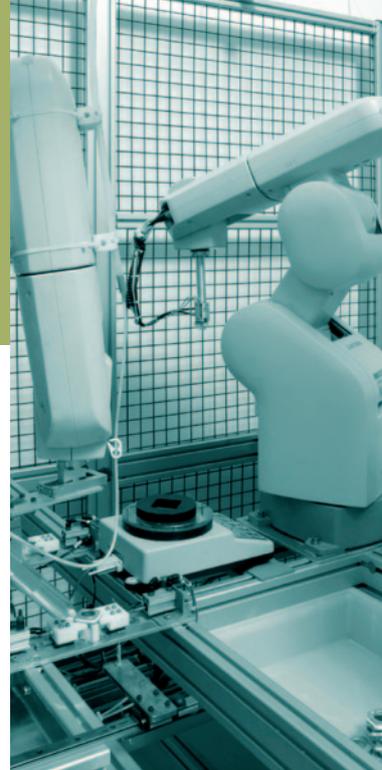


FIAMM produces sodium nickel chloride batteries for **SUSTAINABLE MOBILITY**, for **BACK UP POWER** and **ENERGY STORAGE**.

FIAMM SoNick. The Sustainmobility.



Sustainable mobility. We dream of a world where everyone can satisfy their mobility needs without creating problems which affect our health and the health of our planet. In order to move towards this future, mobility must be sustainable. FIAMM SoNick batteries can be used in Car, commercial vehicles (light and heavy), Busses and Industrial application. Demand for these accumulators increases every day, supported by the institutions and administration of large and small European and American cities which are increasingly using these accumulators for public transportation.



Equally the demand for private electric cars is increasing given the increasing sensitivity to the environment. Vehicles powered by FIAMM SoNick battery, guarantee cleaner air, energy saving, 100% recyclability, energy available in any climate, zero maintenance in any environmental condition, maximum safety, a long lifespan and a consistent reduction in running costs.





FIAMM SoNick: new usage possibilities for innovation and sustainability.

Today the demand for batteries for energy storage in the industrial sector (telecommunication, services, industrial utilities, energy accumulation) is continuously increasing. The world markets are waiting for a new generation of battery for EESS (electrical energy storage system) applications. FIAMM SoNick has all the answers: the company's strategy wants to aim for the use of sodium nickel batteries, including the use for back up power where the FIAMM group already has a strong market presence.

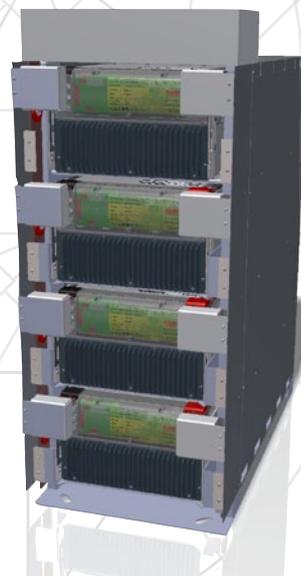
FIAMM SoNick's core business will therefore be orientated towards ENERGY BACK UP as well as ENERGY STORAGE for large and small installations.

FIAMM SoNick. The greenergy.



Energy storage.

In order to be able to use this energy in the future, conservation of it must be sustainable. FIAMM SoNick technology is able to respond to this need and to the growing demands of the market, including the back up power sector and the sector regarding the generation and distribution of energy obtained from renewable sources.



FIAMM

Group

FIAMM SpA

Viale Europa, 63

Montecchio Maggiore 36075 (VI) - Italy

Tel +39 0444 709311 - Fax +39 0444 699237

www.fiamm.com