



Epsilor – Electric Fuel Ltd.

Line of Business

Batteries, Chargers and Electronics for military, medical, aerospace and commercial applications

Leading Executives

Mr. Ronen Badichi
President

Mr. Alex Stepansky
General Manager

Mr. Felix Frisch
VP Sales and Business
Development

Epsilor – Electric Fuel Ltd. is a world leader in the development and production of custom portable power systems for the military, medical, aerospace, industrial and EV markets. Established in 1985 the company was a pioneer of EV technology. Today our expertise lies in electrochemical and high density cell development, battery pack and grid storage design and manufacturing, electronic circuitry; battery charging systems and smart charging electronics. Customers include government agencies, international and local militaries and leading global OEMs. The company is a subsidiary of Arotech Corporation (Nasdaq: ARTX).

Products

- Primary batteries
- Li-ion rechargeable battery packs



Medical Batteries



Multi-channel Charger



Battery for communication device



Medical device battery



Standard 2590 military battery



UAV backup battery



Epsilor-Electric Fuel Ltd.

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- Zinc air batteries
- Water activated batteries
- High density metal air cells
- Grid storage energy systems
- Charger systems
- Battery Management Systems (BMS)

Services

- Electrochemical R & D and cell design
- BMS electronics development
- Customized battery pack design and assembly
- Environmental testing (vibration, temperature, humidity, MIL-STD-810, etc.)
- Battery performance, electrical testing
- Battery monitoring and life cycle assessment
- UN qualification tests (Safety and transportation testing)
- Failure analysis services

Applications

- **Military**
 - Tactical communications systems

- Man-portable and on-board tactical computers
- UAV, UGV and tactical robots
- Precision guided munitions (PGM)
- Electro-optical and night vision systems
- Soldier worn batteries and power management system (SWIPES)
- Emergency locators
- **Aerospace**
 - Satellite launchers and missile systems
 - Satellite rechargeable power storage
 - Aerial back-up power systems
- **Medical**
 - Electric mobility aids
 - Portable, home and field medical devices
 - Medical carts and mobile workstations
- **Maritime**
 - Underwater vehicles

- Water activated lifejacket lights
- **Automotive and EV**
 - Energy systems for hybrid and electric vehicles
 - High density vehicle mounted energy storage
 - Industrial vehicles and robots

Other Important Information

- Epsilor is certified to ISO 9001:2008 and international quality management standards. Products hold approvals from Israel Standards Institute, TUV, DNV, CAAI, FAA, USCG, and EU/EC directives.
- Epsilor has two R&D and manufacturing facilities in Israel, located in Dimona and Beit Shemesh.
- Epsilor is part of Arotech Corporation's (Nasdaq: ARTX) power sources division which is made up of Epsilor-Electric Fuel Ltd. in Israel, and Electric Fuel Battery Corporation in Alabama, and UEC in South Carolina, USA.
- Epsilor employs more than 140 employees, including an extensive engineering department made up of more than 30 engineers, electronics, software, mechanical and chemical.