

The Epsilor logo features the word "Epsilor" in a bold, blue, sans-serif font. To the right of the text is a stylized graphic element consisting of three overlapping triangles in shades of blue and green, pointing towards the top right.

Epsilor

The background image shows a military-style forward operating base in a desert environment. In the foreground, several large solar panels are mounted on tripods, angled towards the sun. To the right, there are several rugged, tan-colored equipment cases, some with control panels and cables. In the background, there are tents, military vehicles, and satellite dishes, with mountains visible in the distance under a clear blue sky.

**TACTICAL RENEWABLE
ENERGY STORAGE**

Epsilor provides high capacity large-format energy storage systems that support tactical operation centers (TOC), forward operating bases (FOB) and forward deployed C⁴ISTAR shelters. Designed for maintenance-free long-term operation these LiFePO₄ batteries provide six times the energy capacity per volume than lead-acid batteries with a life cycle that lasts for up to 3,000 charging cycles (10 years).

When charged by renewable energy sources, or combined with a diesel generator, the resultant hybrid energy system dramatically reduces fuel consumption and logistic activity in hostile environments.

POWER TO DEFEND

www.epsilor.com

TACTICAL ENERGY INDEPENDENCE

- Extended silent mission endurance (>24 h)
- Up to 3,000 charging cycles and up to a 10 year operational life
- Modular power storage solution based on a single battery or clusters
- Seamless charging from vehicles, generators, electrical grid or renewable energy sources
- 12/24/28V flexible voltage output



SYSTEM ARCHITECTURE

Configuration	Vehicle / trailer mounted	Deployable / expeditionary
Building Block	Vehicular Battery Group 27 / NATO 6-T	Tactical Energy Suitcase
Battery / system energy	2,000 Wh / 16,000 Wh in an 8 battery cluster	1,300 Wh / 5,200 Wh in a 4 battery cluster
Voltage	12V / 24V / 28V	12V - 30V
Continuous power	2,500W	1,000W
Battery / system weight	22kg / 196kg	25kg / 210kg
Applicable standards	MIL-STD-810; MIL-STD-461; MIL-STD-1275	MIL-STD-810; MIL-STD-461; MIL-STD-1275
Input energy sources	electric grid, vehicle, generator, solar panel, wind turbine	



ABOUT EPSILOR

Epsilor is the Defense and Aerospace activity of Epsilor-Electric Fuel Ltd. which forms part of Arotech Corporation's Power Systems Division (NASDAQ: ARTX). The division operates R&D and manufacturing facilities in the United States and in Israel.

Epsilor-Electric Fuel is a recognized world leader in the development and production of portable power products for the defense, aerospace, marine, medical and automotive industries. The product range includes batteries in a wide variety of electrochemistries, including Lithium Ion, Lithium Polymer, Nickel Metal Hydride and Zinc Air.

HOW CAN WE HELP YOU? CONTACT EPSILOR AT:

Epsilor-Electric Fuel Ltd.
Rotem Industrial Park
MP Arava 8680600
ISRAEL

Tel: +972-8-6556280
Fax: +972-8-6555960
www.epsilor.com
info@epsilor.com

