

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 two overlapping triangles, one blue and one green, pointing towards the top right corner.The background image shows a military camp in a desert environment. In the foreground, several large solar panels are mounted on stands, angled towards the sun. To the right of the solar panels, there are several electronic equipment cases, some open, showing internal components. In the background, there are military vehicles, including a Humvee, and several large tents. A mountain range is 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 C<sup>4</sup>ISTAR shelters. Designed for maintenance-free long-term operation these LiFePO<sub>4</sub> batteries provide up to three times the energy capacity per volume than lead-acid batteries with a life cycle that lasts for up to 5,000 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](http://www.epsilor.com)

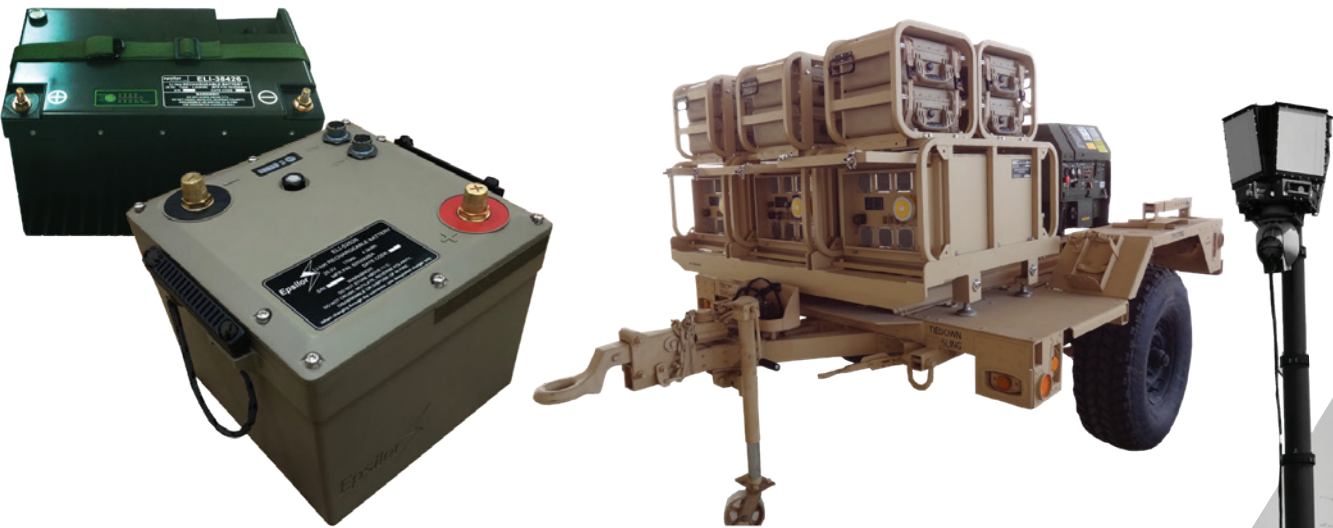
# TACTICAL ENERGY INDEPENDENCE

- Extended silent mission endurance (>24 h)
- Up to 5,000 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	up to 10kW	1kW
Battery / system weight	25kg per battery / scalable system weight	25kg per battery / scalable system weight
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. The division operates R&D and manufacturing facilities in the United States and 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:

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