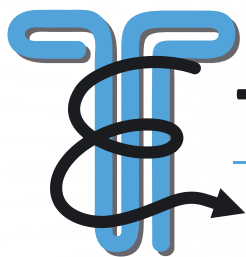
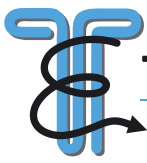


Energy



Tamuz Electronics

Energy Smart Technologies



DEFENSE

Tamuz Electronics Ltd. develops and designs a variety of advanced power and light solutions to defense and homeland security sectors. Today's mobile armed forces, police and security forces demand completely reliable and independent power sources such as battery power packs, solar chargers and hybrid energy generators to power their electronic battlefield and intelligence equipment.

Any defense application such as Unmanned Ground Vehicle (UGV), Unmanned Aerial Vehicle (UAV), Unmanned Surface Vehicle (USV), missiles and torpedoes rely on sophisticated battery systems for propulsion and control to achieve their mission. Due to the massive use of Li-rechargeable and hybrid batteries in aviation, robots, mobile communication, naval systems, wireless security systems, warning systems, transmission systems and GPS, the company works closely with targeted defense OEM and the MOD to provide special power sources for their new developments. The company provides battery packs with higher capacity and longer operating time and ensures fast and reliable charging compared to other technologies. The company provides a service of upgrade systems in order to use advanced battery technologies which exist nowadays to improve stability, run time and the weight of the current systems.



MEDICAL

Tamuz develops unique and custom design solutions of primary, rechargeable and SMBus batteries, wall mount, desktop and open-frame medical grade PS, smart and multichannel chargers and hospital grade power cords according to medical OEM and customers' requirements as well as medical standards. We offer our customers throughout the medical projects a wide range of products and services such as

battery design & assembly, battery testing, chargers development, rapid development, technical support, quick prototypes, standard certifications and counseling.

The company has an ISO 9001 Quality Management System and is fully committed to the ISO standards. Furthermore, the company provides UN-DOT Testing & Certification services, battery safety testing according to the IEC 62133 Standard and Environmental Conditions Testing for batteries, all according to the project's needs.



ENVIRONMENT, WATER & RENEWABLE GREEN ENERGY

Tamuz Electronics Ltd. is an expert in the provision of power resources solutions, renewal energy, harvesting energy from water flow, pipe flow, wind flow, piezoelectric vibrations, sun radiation, etc., for remote and off-grid areas where monitoring, testing, weather forecasting, reporting and measuring applications are constantly required.

For irrigation systems, measuring systems, sewage flow measurements, water purification and filtering, and any other agricultural and environmental water systems where power is required – Tamuz has it all. Tamuz continuously develops and offers a variety of advanced solutions, based on new energy technologies which meet the ever growing demand for alternative and green energy. Our tailor made and integrated solutions are designed to provide sustainable and non-stop energy supply for many years, while guaranteeing your safety and standard of living. The combination of Lithium technologies with the expertise and know-how in charging, discharging and securing years of constant operation, results in a

special-designed and reliable source of energy with minimum maintenance and maximum reliability. Tamuz has developed special, small and robust lithium batteries for micro solar controllers to provide any amount of energy at all remote locations, suitable for all environmental requirements and on top of that, it's made harder to be stolen (the small size and low weight allows for a high installation).



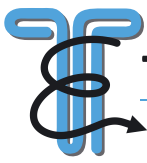
BATTERY BACKUP

Tamuz develops and manufactures custom made smart BBU (Battery Backup Unit) to power electronic devices of Public Utilities, Railway signalling, Street Traffic control, ATMS (advanced traffic management systems), AMR (gas, electric, water), CCTV video surveillance security systems, Renewable energy controllers, UPS, Communication, Security (alarm, control, detectors), EV and Mini-EV applications.

The company designs BBU which includes advanced battery technologies, such as Li-FePO₄, Li-Ion and special chemistries, controlled by smart electronics and embedded software to best fit any Extreme Outdoor Applications.

The company supports Smart Metering developers and manufacturers, Integrators of utility systems, Renewable systems Integrators, Smart Cities Solution providers, customers and producers of Meter Data Management systems, AMI/AMR designers and Water Metering OEM producers.





COMPANY PROFILE

Tamuz Electronics Ltd. specializes in the development, production and marketing of innovated and advanced energy systems and power components for a wide range of customers, business sectors and applications.

Established in 1998 by Mr. David Danino – a world expert in batteries, energy saving, charging methods and systems based on batteries. Tamuz has the capability to provide off-the-shelf, as well as custom-designed solutions for any application – resulting in efficient working systems achieving the perfect solution.

The company's HQ, R&D, assembly and sales are base in Kfar-Saba, Israel with a production at Beit-Jann in the upper Galilee, Israel as well as production and logistic center in Asia.

The company team including engineers, technicians and battery-manufacturing experts.

The experience and expertise of our team in Tamuz allows to provide the optimal solution to meet the customer backup power demands throughout the project phases, starting with the development phase through the prototype phase and finally to the manufacturing phase, all under a tight schedule and close technical support.

Tamuz Electronics Ltd. provides turn-key power projects, complete energy solutions for autonomic power systems, as well as consulting, testing, designing, assembly and marketing of a wide range of batteries, power supplies, chargers, power components and hardware.

Tamuz offers a wide range of battery technologies such as Li-FePO₄, Li-Poly, Li-Ion, Ni-MH, SLA, Primary technologies, new and special battery technologies. The battery packs are designed with protection components, PCM/BMS, indicators, converters, semi-smart and SMBus communication modules. Tamuz's know-how helps in bridging the gap between the customer demands to the up-to-date products and technologies available in the power field.

Tamuz is active in Security, Defense, Medical, Aircrafts, LSV and Environmental systems.

COMPANY BACKGROUND

Over the last decade, Tamuz Electronics Ltd. has acquired vast knowledge relating to mobile and portable energy systems, reliable power supply products and complete energy solutions for outdoor and indoor electronic systems. The company is dedicated to finding the right and most efficient solution to its customers. The clients of Tamuz consist of leading companies in the sectors of Defense and Security, Industrial, Medical, Telecom and Government agencies. The company supports the Israeli market as well as customers from Europe, Asia, India, Canada & USA.