

About Galaxis-GmbH

Galaxis-GmbH is an Austrian company located in the Middle of Europe in Vienna; and providing total power & software solutions for a critical and Emergency applications; we are not only providing traditional products and materials for (B to B , or B to C) business models ; we support our customers , our local agents and our representatives by complete technical innovative solutions for solving a common power & Energy problems such as, power disturbances, power insufficient quality and renewable energy usable . Also, our target is to provide a new Hardware and software products by using innovative solutions to cover all customer demands for earning a clean and reliable energy (AC and DC) in additional to the possibility of integration with renewable multi-sources to cover all purposes such as Data centers, industrial, Banking, military and most other critical applications for different requirements such as:

- Tie-Grid clean uninterrupted high available (AC & DC) Power source for critical loads.
- Hybrid Solution to supply critical loads with green benefits such as (solution of Green IT rooms & Green Data centers infra-structures).
- Off-grid solutions for all purposes.

Our R&D is focusing on " TCO" that's why most of our products and solutions are prominent by the scalability and upgrading features in additional to facility of remote management and monitoring by easy-use web-based software for all power sources and main site assets such as (UPS, battery , HVAC , Rectifier , inverters , Genset, Main & Branch distributionsetc and all Galaxis software & Mobile apps have the feature of "ALL IN ONE" which means All our products and equipment which installed in different locations with multi-networks could be integrated together with any other products or items equipped by Ethernet Board to get the facility of monitoring , management or to get logging for every item from only one custom Web-Based Display.

GALAXIS Vision

Galaxis- gmbh by integrated with the largest (OEM & ODM) manufacturers partners in Germany and other countries in Europe try to be poisoned as the first European company to provide integrated and guaranteed AC and DC power technologies and cover the world of both conventional and renewable energy, in addition to our unique software and Battery management solutions .

GALAXIS Mission

Our goal is to secure the power supply chain all times, in the most reliable way, and to make it simple for our customers. We endeavor to the deliver outstanding service, innovative products and customizable, robust and reliable solutions that meet the demands of today's energy provision and to prepare for future challenges. GALAXIS Power & software Solutions is uniquely positioned to benefit long-term from emerging demand for intelligent micro-energy grids and the increasing demand for reliable renewable energy sources that will grow over the coming years.

PRODUCTS

GALAXIS Software Solutions

Our German software Partner Become the World-Largest Producer of Shutdown and Monitoring Software and Network Adapters for UPS, Battery and Facility Management Systems. Designing Solutions For More Than 80 UPS Manufacturers Worldwide, Galaxis software supports Nearly All UPS Systems and nearly most of battery players in the world and our Battery supervision & Management system is the unique patent solution world-wide to manage all battery types (Valve Regulated Lead Acid VRLA, Flooded Lead Acid and NICD by the more advanced technology BMLG (Battery Master Life Guard) which working by active equalizing Technology .

Galaxis broadens Its Scope of Monitoring Solutions with additional Software Licenses and Hardware Products in the Areas of Security and Technical Facility and Data Center Management

UPS MASTER GUARD for multi –UPS monitoring

GALAXIS UPS MG software is adapted and customized to work as an independent software solution for managing and monitoring all different brands UPS systems in one customized web-based display and this display could be managed for most UPS brands to be identical equivalent to the UPS front panel display to monitor all UPS parameters such as (AC input (V , F , I) BYPASS input (V,F,I)- OUTPUT (V,F,I)- AC OUTPUT (V,F,I)- DC (V,I) Load ratio battery charging level ...etc and any other details could be monitored by UPS master software .

Also, Galaxis UPS MG Software could monitor any number of upss in same or different geographical area through software on-line or pre-purchased licensee capable to monitor multi-thousands of UPS units/systems which support Banking , IT infra-structures , huge Data centers and some multi-national and overseas enterprises to support these companies to monitor and manage their operations from one or multi (OMC) .

BATTERY LIFE MASTER GUARD (BLMG)

Patent System with integrated software license to manage and control any type of battery technology (Lead Acid VRLA Sealed / Dry / Flooded, NICD, NIMH and recently most type of LI-ION) this system is working by active equalizing technology to extend the battery life time and monitor each battery cell parameters (Voltage / Temperature / Impedance) and optional current for each battery string moreover optional external parameters could be integrated for monitoring through Site Master Guard system which could monitor Humidity , Hydrogen Gas and Electrolyte level for Flooded battery type.

Patented Battery Management System with Equalizing/Balancing

Charging Voltage Regulation and Remote Maintenance

Working with Any UPS and Battery brands

Working with all Battery technologies and Voltages

Fully web-Based

Avoidance of sudden Battery failures.

Enhancement of Battery Life by 20-50 % for Normal and standard site conditions

Galaxis Site Master Guard (SMG)

SMG is a full package product with all hardware and software equipment to Monitor all power supply (AC & DC) , Central Battery systems (CBS), inverters and Battery Master Guard (Battery management) in additional to other important power sources such as Generators and STS and could be integrated also with Galaxis Site Master Guard system to monitor extra environmental devices such as (Humidity , Hydrogen Gas and Electrolyte level for Flooded battery type as a one display of monitoring for all Galaxis equipment and products or any other equipment which supported by SNMP / Ethernet card.

Scalability

Our engineers support customers to get a customized solution to get optimum and efficient solution for Site Master Guard package as per priority and business planning and customer could benefit by the scalability and retrofit features to upgrade the level of management to any certain level i.e.

Customers could start by some important items for monitoring such as (AC power supply and Genset) in the first structure of SMG and could upgrade after that to monitor extra other items such as (DC power supplies , HVAC, STS ..etc.) Till reach to full package of SMG which could monitor all site main items as follows :

All critical and Emergency Power supply such as (UPS, DC rectifiers, inverters, STS, CBS, solar power sources)

Battery Management (BLMG) for UPS, CBS, Solar systems

Primary & Backup Generators

HVAC system

AC & DC Main & Distribution

Environmental parameters such as (Temp, Humidity .etc.)

Fire alarm & Security.

Also, any of our specified software monitoring (BLMG and UPS MG) could be upgraded by hardware and software license to be integrated with Site Master Guard.

Uninterruptible power supply

Galaxis-gmbh provides reliable custom and standard power system solutions, particularly UPS Systems, Central Battery system and industrial chargers, that ensure continuous power for IT and Data center applications in addition to rugged industrial infrastructure applications, including oil and gas, transportation, power generation, power transmission and distribution, and process manufacturing.

UPS systems

Galaxis Power Solutions has successfully designed uninterruptible power supply (UPS) systems, with multiple technologies to cover the most famous purposes and demands; our innovative technology and quality solutions to secure highly reliable power even in the harshest environment positions uniquely our 3-phase UPS range upto 1500 KVA (Modular Type) and 4000 KVA (Stand-alone Type)

From IT & Data centers ,Oil& Gas platforms, commercial buildings to industrial site and power stations as well as for GSM and Telecomm applications, you will find in our range the System, stand-alone or modular that protect your power supply, ensures your business continuity and protect your investments.

GALAXIS INNOVATIVE SYSTEMS

The growing generation and integration of renewable energy sources create new challenges for the public grid, especially regarding grid stabilization and grid leveling. GALAXIS provides highly customized power systems to support integration of the renewable energies into the grid, solutions for energy storage and solar solutions.

Our solar solutions comprise a comprehensive range of PV solar off-Grid, Tie-Grid & Hybrid solutions and an acknowledged expertise in utility-scale equipment which enable us to provide complete balance systems for solar ..farms.

Solar Solutions

PV Solar Solutions

Galaxis solar systems extend your scope of action due to a direct utilization of solar energy.

Our solutions are therefore a significant contributions based on our long track record of solar business which make our company has the ability to make innovative and unique solar solutions couldn't be available in other European market such as (PV solar Generator, PV solar UPS and hybrid Solar solutions by integration of solar system with other traditional power sources such as AC or DC Generator or with any AC or DC extra power supplies to get the multi – functions of Solar system by supply the critical loads with high available and reliable solution and also, keeping the advantage of normal tie-Grid solar system by export the excessive energy to the smart grid which means we can provide a total green power solution with high available level such as (N+N or N+X) according to High level of Tier classifications for supply a stable , clean, energy saving power for IT & Data center applications .

OFF- Grid PV solar solutions

Traditional Hybrid PV solutions

Tie-Grid PV solar solutions

Galaxis -innovative solar solutions

Also, we believe that the independence created with the help of our solar systems communicates an enhanced feeling of liberty. This in turn will lead to an enhanced quality of life of the individual, particularly with regard to the conditions that are still presumed to be the limits of self- realization in structurally weak regions of the world.

GALAXIS - Off-Grid solar and wind power systems have very efficient solutions for the growing energy demands and the related energy costs in store.

Central Battery System

Central Power supply GCPSS

The safety power supply solutions offered by Galaxis ensure the protection of emergency lighting and fire safety systems, while meeting the requirements of "worker protection" and "ERP" regulations.

These solutions are also compliant with EN 50171/NF C 71-815-1 1 (general requirements for central power supply systems for emergency lighting) and EN 54-4 / NF S 61-940 (general requirements and regulations for safety power supplies for fire safety systems, such as, for example, smoke extraction equipment).

Safety power supply solutions are ideal for use in airports, stations and railways, car parks, train stations, schools and universities, hospitals, shopping centers, cinemas, theatres, museums, public buildings, company offices, hotels, and stadiums, etc.

With Galaxi-Multi-Control 19" central power supply system acc. To EN 50171 und BGV A3 for use in emergency systems with 230V/216V AC/DC Or integrated power pack 3ph -380 AC system , acc. To DIN VDE 0100-718, DIN EN 50172 und E DIN VDE 0108-100. With single lamp monitoring without additional cables, free-programmable circuits and integrated Web-Server.

Central power supply system in 19"-technique for the supply of emergency lighting during mains failures. This production series allows the connection to LED lamps, fluorescent luminaires or tungsten halogen lamps. The system can be expanded via a serial or TCP/IP connection to a total of 32 devices or substations. That way a maximum of 3072 circuits and accordingly 61440 luminaires can be connected and controlled.

Galaxis – Wireless luminaire Master Guard (WLMG)

The new Wireless Professional the control and monitoring of self-contained emergency and security lighting is a snap! To install the lights just connection to the normal power supply with 230V AC is necessary. The subsequent Installation of the wireless system for monitoring and controlling the luminaires is taken care of itself.

Each luminaire equipped with wireless professional may connect to other luminaires or the central unit on the European approved frequency of 868 mhz and report its own and the status of other through the system registered luminaires. The indoor range sums up to at least 30m. Thanks to the radio frequency of 868 MHz even a reinforced concrete ceiling between floors is no insurmountable barrier.

The wireless system can include 250 luminaires per central control unit and is expandable in steps of 250 up to a total of 1,000 luminaires per system.

SOLUTION SERVICES

As a world-class systems provider, Galaxis Power Solutions provides a proven portfolio of solution services to ensure your critical power systems are designed and delivered to the highest standards. Carried out by a team of highly experienced and certified engineers, our solution offering provides comprehensive project management. From initial site surveys to installations, our experts will have your systems from scratch to be a guaranteed solution and safely whatever their size and application.

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