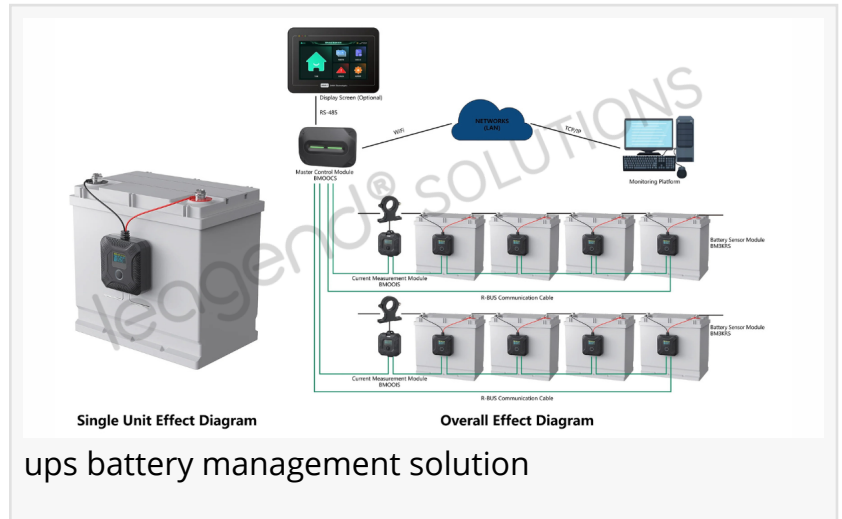


leagend Enhances Marine Vessel Reliability with Advanced UPS Battery Management Solution

leagend, a technology-driven provider of intelligent battery management solutions, is making waves in the marine sector with UPS Battery Management Solution.

NEW YORK, NY, UNITED STATES, July 21, 2025 /EINPresswire.com/ -- As maritime operations become increasingly reliant on uninterrupted electrical systems, ensuring the stability of onboard power infrastructure has become more critical than ever. leagend, a technology-driven provider of intelligent battery management solutions, is making waves in the marine sector with its UPS Battery Management Solution.



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Arthur Kingsly

Addressing Marine Power Challenges

Marine vessels operate in demanding environments where reliable power is crucial for navigation, communication, and safety systems. Traditional lead-acid batteries often face issues such as aging, voltage instability, and lack of real-time monitoring, leading to potential failures and increased maintenance costs. leagend UPS Battery Management Solution addresses these challenges by providing comprehensive monitoring and management of battery health.

Key Features of leagend UPS Battery Management Solution

Real-Time Monitoring: Continuously tracks critical battery parameters including voltage, current, internal resistance, and temperature.

Visualized Data Display: Offers an all-in-one platform presenting graphical data for easy

interpretation of battery state-of-health (SoH).

Cloud Storage Integration: Monitored data is transferred to a specified cloud server, enabling global deployment and remote data access.

Tailored Services: Provides customized solutions to meet the specific needs of various marine applications.



UPS solution

These features collectively enhance the reliability and efficiency of power systems aboard marine vessels, ensuring continuous operation even during power outages.

Benefits for Marine Applications

The implementation of leagend UPS Battery Management Solution in marine vessels offers several advantages:

Enhanced Safety: Real-time monitoring and early detection of potential issues reduce the risk of power failures, safeguarding critical systems.

Cost Efficiency: By extending battery life and optimizing maintenance schedules, operators can reduce replacement and repair costs.

Operational Continuity: Ensures that backup power systems are always ready, minimizing downtime and maintaining vessel operations.

These benefits are particularly crucial for vessels operating in remote areas or during extended missions, where reliable power is essential for safety and mission success.

Real-World Applications

[The leagend UPS Battery Management Solution](#) has been successfully implemented in various marine settings:

Commercial Shipping: Ensures continuous operation of navigation and communication systems, reducing the risk of operational disruptions.

Offshore Platforms: Provides reliable backup power for critical equipment, supporting safety and operational integrity.

In each of these applications, the solution has demonstrated its capability to enhance power reliability and operational efficiency.

[About leagend SOLUTIONS](#)

Since its founding in 2014, leagend SOLUTIONS has been committed to the research and development of battery technologies, including battery testing, monitoring, and management systems. With over a decade of continuous innovation, the company's technological advancement is firmly built upon the principles of intelligence, precision, safety, and energy efficiency.

Today, leagend SOLUTIONS stands out in the industry with a diverse portfolio of solutions such as the Smart Lead-Acid Battery Tester Solution, UPS Battery Monitoring Solution, Lead-Acid Battery Charger ODM Solution, and Coulomb Counter Solution. These offerings have been widely adopted across key sectors, including lead-acid battery manufacturing, data center infrastructure, energy-saving systems, renewable energy applications, telecommunications, and critical backup power operations.

Arthur Kingsly

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