PRESS RELEASE

Dukosi Cell Monitoring Solution Enables Nordic Marine Power to Achieve DNV Certification for its PowerStack Battery System

Dukosi Chip-on-Cell Technology with Temperature Measurement on Every Cell Provides Ultimate Safety and Reliability for Marine Applications

EDINBURGH, United Kingdom, 14 April, 2026 -- Dukosi Ltd, the technology company revolutionizing the performance, safety and sustainability of high-power battery systems, announces the Dukosi Cell Monitoring System (DKCMS™) has enabled Nordic Marine Power ("NMP") to achieve DNV certification for its PowerStack battery system. NMP's flagship product, the PowerStack, is a flexible and scalable battery system with Dukosi's chip-on-cell monitoring and near field contactless communication, that offers superior power density, extended cycle life and meets the safety and reliability requirements for marine applications.

"Energy storage solutions for Marine applications present their own unique challenges and battery safety, quality, and reliability are of paramount concern," stated Joseph Notaro, chief revenue officer at Dukosi. "Specializing in advanced battery systems for the maritime industry, NMP quickly recognized the advantages of Dukosi's chip-on-cell technology with C-SynQ® and concluded with their own internal test[1] the benefits of temperature measurement on every cell in providing the higher level of safety required for onboard energy storage systems. We're extremely proud that NMP's PowerStack with DKCMS has achieved type approval for installation on all vessels classed by DNV,"

"One of the key concerns in marine applications is safety," stated Jonas Roald Nordstrand, CEO of NMP. "Dukosi's novel contactless battery architecture uniquely provides per-cell temperature sensing that improves safety compared to legacy systems. Having a Dukosi Cell Monitor chip on each cell gives us greater real-time insights into every cell's behavior, which has allowed us to accelerate achieving DNV certification. Their chip-on-cell technology with C-SynQ simplifies integration into our battery systems, while also providing valuable design flexibility, allowing us to streamline production to meet tight deadlines with confidence."

[1] Case Study: Why Per-Cell Temperature Monitoring Is Key to Battery Safety — Dukosi

DNV certification is a globally recognized, independent third-party assessment for safety, quality and reliability, and ensures compliance with international standards and industry-specific regulations, notably in maritime and energy. Achieving DNV type approval confirms that the PowerStack battery system complies with strict maritime, offshore, and industrial standards for safety, reliability, and environmental regulations.

The electrification of marine applications, including marine vehicles such as ships or other transportation methods, as well as newer innovations like submerged data centers and offshore battery energy storage, make high performance batteries an essential part of the design. The Dukosi Cell Monitoring System (DKCMS™) is specifically designed from the ground up for high capacity, high performance batteries, delivering enhanced safety and reliability beyond competing battery architectures.

DKCMS achieves unprecedented insights into the battery's internal workings, accurately relaying every cell's operational temperature and voltage synchronously to the BMS with deterministic latency. This is superior to alternative architectures that incorporate only a few temperature sensors per module. With constant monitoring of each cell's state, overtemperature events can be captured much earlier than legacy systems and the BMS processor alerted, even if it's in a deep sleep mode.

To further support battery development for marine applications and meet stringent DNV safety standards, Dukosi technology can help streamline platform-level compliance, reducing development costs and accelerating time to market.

About Dukosi

Dukosi develops revolutionary technologies that dramatically improve the performance, safety, and efficiency of battery systems, and enable a more sustainable battery value chain. The company provides a unique cell monitoring solution based on chip-on-cell technology and C-SynQ® communications protocol for electric vehicles (EV), industrial transportation and stationary energy storage markets. Headquartered in Edinburgh, UK, Dukosi has a global footprint with locations in USA, Asia and Europe.

For more information, please visit www.dukosi.com

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