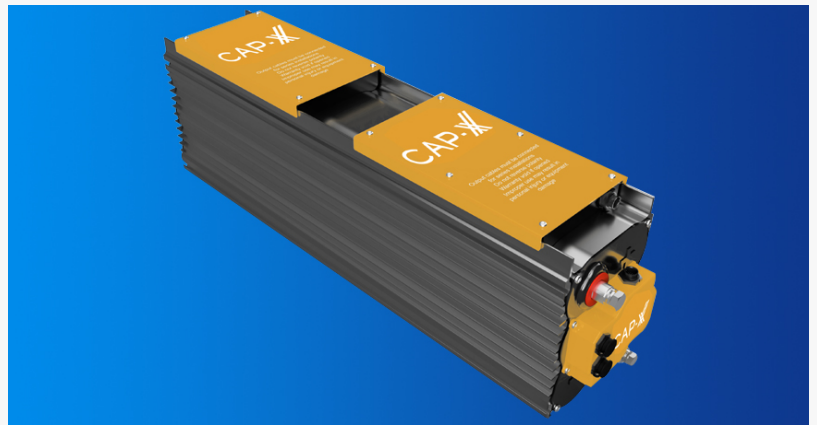


MARINE EDGE Selects CAP-XX Liquid-Cooled Supercapacitor Modules for its Hybrid Propulsion System for Cargo Ships

The technologies combine to create a regenerative power management system which increases energy efficiency, saves fuel and lowers emissions.

SYDNEY, AUSTRALIA, November 15, 2022 /EINPresswire.com/ -- [CAP-XX Limited](https://www.cap-xx.com/) (LSE:CPX), the leading manufacturer of ultra-thin prismatic, cylindrical, and Lithium-Ion supercapacitors, announced that [MARINE EDGE](https://www.marine-edge.com/), an innovative company making maritime transportation more sustainable, has selected CAP-XX's large, powerful, liquid-cooled [supercapacitor modules](https://www.cap-xx.com/supercapacitor-modules) for its PowerEdge system installations on cargo ships which reduce fuel burn and minimize emissions.



CAP-XX's large, 96V, 83F, liquid-cooled supercap modules are designed for power management in demanding applications like transportation subsystems, and regenerative energy capture.

CAP-XX's powerful, 96V, 83F, liquid-cooled supercapacitor modules store and release large amounts of energy in MARINE EDGE's regenerative hybrid power management system. This technology improves a cargo ship's overall propulsive efficiency, and decreases fuel consumption and emissions, making it more sustainable and environmentally friendly. Lowering fuel consumption improves the economy of transition to cleaner fuels, making further reduction of toxic and carbon emissions possible.

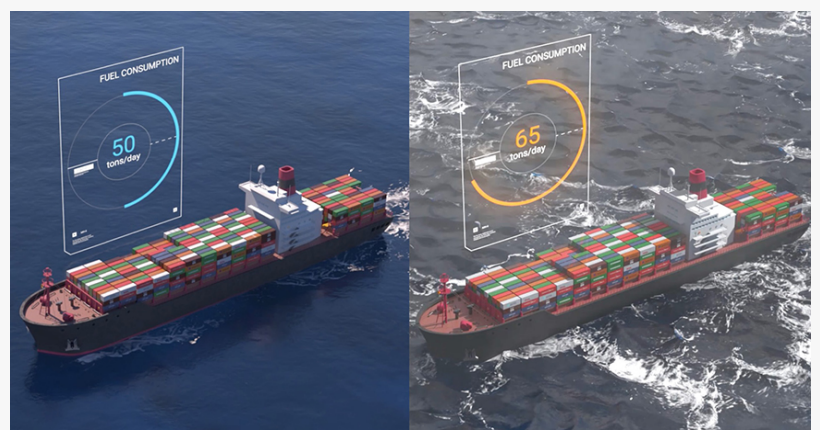
MARINE EDGE chose CAP-XX liquid-cooled supercapacitor modules for their high efficiency, longevity and modularity which allows installation on a variety of ships with different configurations, while maintaining their ability to handle high currents effectively for millions of cycles.

The 96V, 83F CAP-XX liquid-cooled supercap modules feature:

- Liquid-cooled to provide extremely high-rate charge and discharge capability
- Maintenance free operation

- 10-year life with heavy charge/discharge cycling
- Meets rail shock and vibration standard
- Modules configurable to 2000 Volts

“The CAP-XX supercapacitor module, with its compact build and millions of cycles, is a key enabler for our PowerEdge system to save energy and fuel burn on cargo ships. To be a game-changer for sustainable marine transportation we must incorporate the most advanced hardware available,” said Nevo Dotan, CEO of MARINE EDGE.



MARINE EDGE'S regenerative hybrid power management system, PowerEdge, increases energy efficiency, saves fuel and lowers emissions in cargo ships.

“Our expertise in creating sustainable systems by capturing environmental energy from solar, wind, vibration and motion sources pairs perfectly with MARINE EDGE’s quest to make cargo ships more efficient,” said Marco Ranalli, General Manager EMEA at CAP-XX. “This is just one example of how our new line of large, powerful supercap modules can be excellent supporting actors for power management in demanding applications in many industries.”

“

Our expertise in creating sustainable systems by capturing environmental energy from solar, wind, vibration and motion sources pairs well with MARINE EDGE’s quest to make cargo ships more efficient.”

Marco Ranalli, General Manager EMEA at CAP-XX

About CAP-XX

CAP-XX is the leader in the design and manufacture of supercapacitors, including ultra-thin prismatic, cylindrical and hybrid (lithium-ion capacitors), for managing burst power, micro energy harvesting and backup power needs in portable and IoT devices. CAP-XX also offers large, powerful supercapacitor modules for engine start and other microgrid/grid/power correction applications up to

2000V. CAP-XX prismatic supercapacitors are manufactured in Australia and Malaysia and its cylindrical and hybrid supercapacitors are manufactured in China and the USA. The company’s strong intellectual property (IP) portfolio includes 11 patent families. CAP-XX’s ultra-thin prismatic supercapacitors are ideal for space-constrained electronics applications where small energy storage device size and thickness are critical. Visit <https://www.cap-xx.com/> or email sales@cap-xx.com.

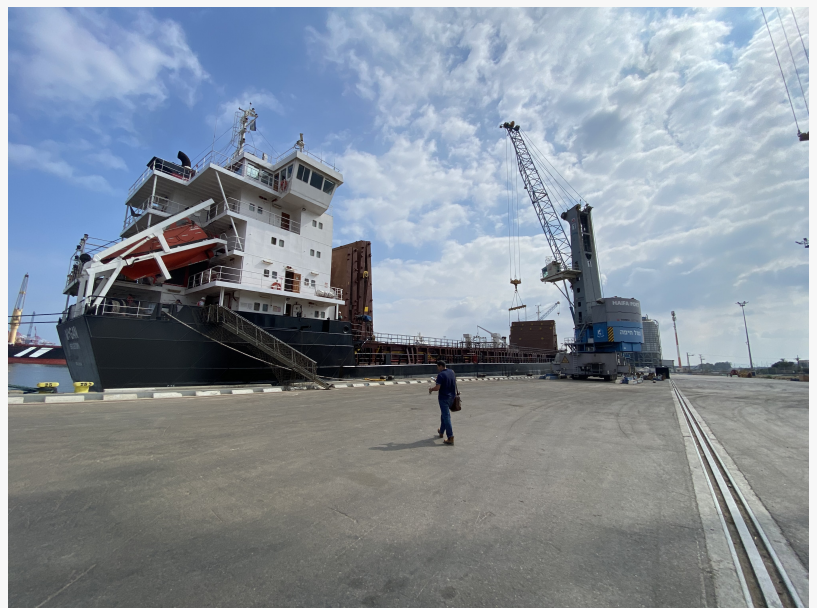
About MARINE EDGE

MARINE EDGE is an innovative technology company, set out to minimize fuel consumption, and

emissions, in maritime transportation, by making ships smarter and more efficient. MARINE EDGE strongly believes that sustainability is imperative for a better world, and marine transport is its focus.

www.marine-edge.com or email info@marine-edge.com

Michelle Moody
Moody & Assoc. PR
+1 214-363-3460
michelle@moodypr.com



CAP-XX's powerful supercapacitor modules store and release large amounts of energy in MARINE EDGE'S PowerEdge regenerative power management system, improving a cargo ship's overall propulsive efficiency, and decreasing fuel consumption and emissions.

This press release can be viewed online at: <https://www.einpresswire.com/article/601428743>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 Newsmatics Inc. All Right Reserved.