

Is this the first all-electric cargo ship in China?

An all-electric cargo ship has been launched in Guangzhou. File Image /Pixabay A 2,000 metric tonne (mt) all-electric cargo ship set to run in the inland section of the Pearl River has been launched in Guangzhou, China - hailed as the first of its kind to be fully powered by a lithium battery, Chinese media reports.

What is China's first battery-electric container ship?

China has launched its first battery-electric container ship on the Yangtze River. Called 700 TEU, the ship's title denotes its capacity to carry seven hundred 20-foot containers. The electric ship uses swappable batteries that can be exchanged en route. The electric ship's route follows 965 kilometres of the famous Yangtze River.

What is the world's largest electric container ship?

Chinese state-owned company COSCO Shipping has launched what it calls the "world's largest" river-to-sea electric container ship. The Green Water 01 is a 10,000-ton+ fully electric vessel that sets a new benchmark in sustainability in the marine logistics industry.

How many batteries does a COSCO Container ship use?

Speaking of batteries, the electric container ship is powered by a large-capacity battery combining for over 50,000 kWh. However, COSCO says the number of battery modules can be configured depending on the length of the voyage at sea.

Does a ship's battery-swapping system solve range anxiety?

The ship's battery-swapping system en route solves range anxiety. The Maritime Executive, says that 36 of the ship's 700-container capacity are taken up with batteries as swappable units.

How long can a ship run on a two-hour charge?

Built by Guangzhou Shipyard International Company Ltd (Guangzhou Shipyard), the vessel can run for 80 km on one two-hour charge. The ship is said to have battery energy of about 2,400 kilowatt hours and capable of speeds of up to 12.8 km per hour.

China Railway launches rail transport trial for electric vehicle batteries. Source: Xinhua. Editor: huaxia. 2024-11-20 00:01:15. An aerial drone photo taken on Nov. 19, 2024 shows a train loaded with lithium batteries for traction purposes about to depart from a train station in southwest China's Chongqing. (Xinhua/Tang Yi) CHONGQING, Nov. 19 ...

On April 28, China's first independently designed and built marine dangerous goods emergency command ship "Deep Sea 01" ship successfully launched in Guangzhou. ... This is the first offshore official vessel in China that uses ...

China's largest carbon fiber high-speed passenger ship launched. By Dong Senhe | chinadaily .cn | Updated: 2024-11-05 15:24 ... Equipped with lithium battery packs and solar energy storage ...

A train loaded with lithium batteries for traction purposes departs from a train station in southwest China's Chongqing, Nov. 19, 2024. Three trains loaded with lithium batteries for traction purposes departed separately from Chongqing, Guiyang and Yibin on Tuesday, marking the first large scale test run for rail transportation of such batteries in China.

China launches hydrogen-powered container ship. China has launched its first hydrogen-powered container ship, capable of carrying 64 standard containers, in Jiaxing, East China's Zhejiang Province, marking a ...

IATA launches CEIV Lithium Battery certification programme to improve the safe handling and transport of batteries across the supply chain. ... and airlines assurance that certified logistic companies operate to the highest safety and security standards when shipping lithium batteries," said Willie Walsh, IATA's director general. Shipments ...

The publishing of a whitepaper by insurance providers UK P& I Club along with its fellow Thomas Miller managed business, TT Club, and technical and scientific consultancy, Brookes Bell brings greater awareness of the dangers inherent in the transport of lithium-ion batteries, particularly by sea. The increased demand for "green power" for a wide range of ...

On June 28th, the 5,000-tons new energy bulk carriers (Diamond 5K series) project was successfully launched at EVE Huizhou headquarter. Only after more than a month, EVE has made another major breakthrough in the field of electric ships. ... In the future, EVE will continue to promote the technological innovation of ship power lithium batteries ...

From left to right: Peter Penseel and Willie Walsh. IATA has launched its Center of Excellence for Independent Validators Lithium Battery (CEIV Lithium Battery) industry certification program to improve the safe handling and transport of lithium batteries across the supply chain. Said Willie Walsh, IATA's Director General: "Lithium batteries are critical power ...

This course is designed for ship crew, captains, safety officers, emergency response teams, and shoreside managers who interact with lithium-ion batteries in the maritime environment. Whether involved in battery-powered equipment use, charging operations, or implementing safety procedures, participants will gain critical insights and practical skills.

The ship, manufactured by the Guangzhou Shipyard International Company Ltd, represents a technological breakthrough as it is the first in the world to use lithium battery ...

Web: <https://www.vielec-electricite.fr>

