

Chris Kruger, founder of AYK Energy, understood that in order to get wide scale adoption of energy storage in the marine sector, price needed to come down. To this end, he established AYK's production in China to get close to the supply chain and exploit China's advancement in high volume manufacturing. Using our Europe and North America ...

AYK Energy founder Chris Kruger said the new factory will massively ramp up production capacity, using a new automated manufacturing system, to 300 MWh a year with the ability to scale up to 1 GWh a year. "The new AYK factory will seriously disrupt the marine battery market," he said. "From here we can build the highest quality, safest ...

AYK Energy Ltd. | 807 followers on LinkedIn. Energy storage systems for marine and industrial applications | We are committed to optimizing safety and reliability through our dedicated R& D team, continuously refining our algorithms for both existing and future systems. To learn more about how AYK Energy is revolutionizing marine energy storage, visit our website at ...

AYK Energy founder Chris Kruger said the vessel will be able to operate on zero-emission battery power while entering and exiting the port, immediately improving air quality and cutting emissions in built-up port areas. He explained that the vessel is designed to run on LNG, battery power, or a combination of the two. In Portsmouth, the ship will further benefit ...

Marine battery manufacturer AYK Energy has installed the biggest marine battery in the world on board Brittany Ferries new hybrid LNG-electric ferry the Saint Malo. The 12 megawatt-hour (MWh) Orion+ battery was manufactured and installed within four months at China Merchants Jinling Shipyard Weihai. The ferry will operate the Portsmouth UK to ...

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AYK Energy was a recent guest on the Climate Confident podcast discussing the challenging world of maritime electrification and the technologies driving its growth. Chris Kruger, founder of AYK Energy, a leader in marine battery innovation, shared insights into the evolution of marine batteries, from their humble beginnings powering ...

Marine and stationary Energy storage solutions. Our BMS is the state of the art having been developed using best practices of the most experienced team in the marine battery fields, tested and accepted by the world's

leading OEM marine integrators

Mureloil's latest diesel-electric product tanker, currently under construction at Astilleros Murueta shipyard in Spain, will be equipped with an Aries+ battery system supplied by AYK Energy. The 4,200-kWh battery system will allow the 7,999 DWT tanker to operate on zero-emission power in ports, AYK Energy noted in a statement issued last week.

AYK Energy founder Chris Kruger said the Andorra based company is increasing production at its factory in Zhuhai, China to supply the retrofit project at HSG's shipyard in Werkendam. He said the contract will see AYK supply two high density DNV approved Aries 88 lithium batteries to the vessel. He confirmed the 125 watt hour/kilogram (Wh/kg ...

Marine and stationary Energy storage solutions. Our vision is to bring high quality, safe and concurrently cost-effective battery systems to the marine industry. To this end, AYK, using lessons learned from our years of experience, dating back to the first marine type approved battery, has developed several battery models to address the whole spectrum from high power ...

Holland Shipyards Group (HSG) has selected marine battery manufacturer AYK Energy to supply lithium [...] The post Future Proof Shipping selects AYK Energy batteries for 2nd containership conversion appeared first on Offshore Energy. Tweets by @promariners. APMA Maritime News.

Marine battery maker AYK Energy wins diesel electric new build tanker deal with Spanish ship owner Mureloil AYK Energy, one of the world's fastest growing marine battery manufacturers, is building a new 4,200 KWh battery for Spanish ship ...

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Brittany Ferries will fit a second vessel with AYK Energy's battery systems, following the completion of a first installation on its newbuild hybrid-LNG ferry Saint-Malo and successful sea trials in China.. The 12 megawatt-hour (MWh) Orion+ battery was manufactured and installed within four months at China Merchants Jinling Shipyard Weihai, AYK Energy said ...

Sea trials successfully completed in China for Brittany Ferries Saint-Malo hybrid electric ferry featuring AYK's 12 megawatt-hour (MWh) Orion+ battery. Watch drone footage of sea trials AYK Energy signed new deal to supply sister vessel the Guillaume de Normandie with another 12 MWh battery also being built at China Merchants Jinling Shipyard ...

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