

## Solar Energy South Africa

# Afghanistan ayk energy



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### Marine battery maker AYK Energy strikes deal to ...

Marine battery manufacturer AYK Energy is reinforcing its position as one of the sectors prime innovators after signing a new deal with Holland Shipyards Group (HSG) to supply the zero-emission container vessel ...

### EUROPE: AYK Energy secures contract for Mureloil's new diesel ...

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

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

### AYK Energy hails price drop in

## electrical propulsion tech for ships

Marine battery manufacturer AYK Energy has hailed a significant breakthrough in electric propulsion technology for ships with what it claims is the first battery sold at \$300 per kWh. AYK founder Chris Kruger said the milestone will accelerate the adoption of battery powered vessels. He said the previous industry standard price was around \$450



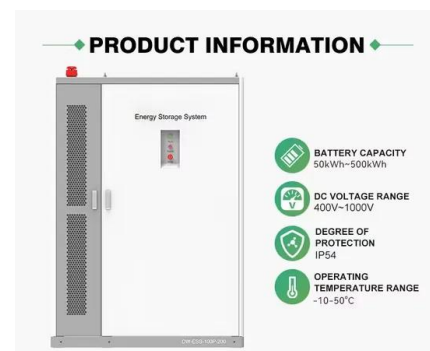
## AYK guests on leading podcast to discuss the future of marine

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

[????-?????:AYK Energy ? HSG ????](#)

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Kruger?,????,AYK????????DNV?????Aries  
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## Marine battery maker AYK Energy strikes deal to supply zero ...

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)

## AYK Energy opens Chinese factory in a bid to become ...

AYK Energy will build its range of seven class-approved batteries at the factory, including its Aries model aimed at electric ferries, tugs and barges, and Orion models aimed at OSVs, drill rigs and hybrid tugs.



## [AYK Energy Ltd.](#)

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 ? HSG ?????????? ...

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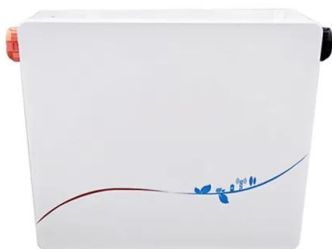
## AYK installs world's biggest marine battery on hybrid LNG ferry



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 St Malo France route

## AYK Energy bids to become world's leading marine battery maker ...

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

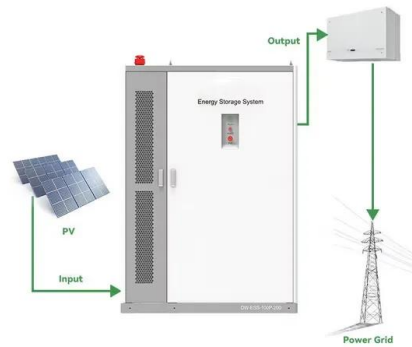


## AYK Energy

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 ...

[Energy in Afghanistan](#)

The majority of electricity in Afghanistan is imported. The Naghlu Dam is one of the largest dams in Afghanistan, which provides some electricity to Kabul Province, Nangarhar Province and Kapisa Province. Aerial photography of Kandahar at night in 2011. Energy in Afghanistan is provided by hydropower followed by fossil fuel and solar power. [1] Currently, less than 50% of ...



## AYK Energy installs 'world's largest' battery on Brittany Ferries

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 ...

## Shipowner Mureloil orders hybrid tanker powered by battery system

Spain's Mureloil has ordered a hybrid diesel-electric tanker at a domestic shipyard. Andorran manufacturer AYK Energy said it is supplying a 4,200-KWh battery for the 7,999-dwt product carrier



## [AYK Energy Ltd.](#)

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 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 ...

## Marine battery maker AYK Energy supplies Brittany Ferries with ...

AYK Energy founder Chris Kruger said the vessel will be able to operate on zero emission battery power while entering and exiting port, immediately improving air quality and cutting emissions in



## AYK Energy battery selected for new 7,999 dwt diesel-electric tanker

Marine battery manufacturer AYK Energy has secured a contract with Spanish shipowner Mureloil to deliver a 4,200 kWh battery for a new diesel-electric tanker. Chris Kruger onboard H2 Barge 2. Courtesy of AYK Energy. Under the agreement, AYK Energy will supply its Aries+ battery on a new 7,999 dwt diesel-electric product tanker being built for

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## Products

Marine and stationary Energy storage solutions. Marine power battery suitable for high C-rate applications. Good for high peak power applications such as spinning reserve or peak shaving on Hybrid vessels such as OSVs, drill rigs or hybrid tugboats.



## [Afghanistan: Energy Country Profile](#)

Afghanistan: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO<sub>2</sub> - the burning of fossil fuels accounts for around three-quarters of global greenhouse gas emissions. So, reducing energy consumption can inevitably help to reduce emissions.



## Marine battery maker AYK Energy supplies Brittany Ferries with ...

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 ...

AYK Energy, one of the world's fastest growing marine battery manufacturers, is building a new 4,200 KWh battery for Spanish ship owner Mureloil after striking its latest deal. The agreement will see AYK's Aries + battery supplied on a new 7999 DWT diesel-electric product tanker being built for Mureloil at Astilleros Murueta shipyard near



## Battery maker AYK Energy and Western Baltic ...

AYK Energy. AYK was founded in 2018 by Chris Kruger with the goal of producing a low cost battery that offered superior performance and safety, that exceeds class and industry standards. Already a pioneer in the marine battery ...

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