

Is Aditya India's first solar ferry?

The story of ADITYA, India's first solar ferry, in a thread. From the project's inception, to the challenges faces, to design, construction, testing and finally three years of operation. 1/n Aditya, #IndiasFirstSolarFerry & navaltboats.com wins 2020 Gustave Trouv&#233; Awards for the World's best passenger electric ferry.

Why did NavAlt build Aditya - India's first solar ferry?

Navalt built Aditya, India's pioneering solar ferry, for the Kerala State Water Transport Department. This ferry represents the world's and India's inaugural commercially viable mode of transport, driven solely by solar energy.

Why is Aditya launching a pollution free solar powered ferry?

The successful launching of pollution free solar powered ferry is a land mark occasion in India's journey towards the use of solar energy. It also showcases our efforts to create a better planet by relaying on clean energy. Aditya is also the largest solar-powered boat in India with 75 seats capacity.

Why is Aditya the world's best electric ferry?

This ferry represents the world's and India's inaugural commercially viable mode of transport, driven solely by solar energy. Recipient of the 2020 Gustave Trouve Award for the World's Best Electric Ferry, Aditya redefined India's inland water transportation.

Does Kerala's first solar-powered ferry boat 'Aditya' save litres of diesel?

To help solve this problem, Kerala launched India's first solar-powered ferry boat 'Aditya' in 2017. Promoting the use of clean energy, the boat prevents the burning of 35,000 litres of diesel each year and helps reduce carbon dioxide emissions. Sandith claims the boat has saved 100,00 litres of diesel to date.

What is India's first solar ferry boat?

After four years of consistent hard work, he launched 'Aditya' in 2017, which was inaugurated by Kerala Chief Minister Pinarayi Vijayan and then Central Cabinet Minister for Power, Renewable Energy, Piyush Goyal as India's first solar ferry boat. The boat was launched in association with Kerala State Water Transport Department

The complete solar power system in a boat is easy to maintain. ... The Kerala government is planning of replacing the entirety of its diesel fleet with solar ferries like Aditya. Silent 60: Luxury Yacht. This solar powered electric ...

ADITYA - India's first solar ferry which redefined the inland water transportation across the country is now celebrating 3 years of its successful voyage. Besides India's first ...

Navalt, a pioneer in manufacturing solar and electric boats, is gearing up to introduce the newly refined

version of "Aditya," India's first solar ferry, with its service completing two years and delivering unparallel ...

The Aditya is a catamaran, 20 metres long, 7 metres wide, covered by 140 square metres (1,500 sq ft) of solar panels - about one side of a tennis court. It was built by NavAlt Solar and Electric Boats, an Indian-French ...

Solar can contribute 50% of energy requirements. Medium Speed (8 to 15 knots) ... Navalt built Aditya, India's first solar ferry, for the Kerala State Water Transport Department. This ferry has one of the lowest operating costs in the world with ...

India's first solar ferry. Guess daily operating cost. Just INR200. The Aditya, from Navalt Boats, is a sun-powered commuter ferry The boat makes 22 trips with 75 people on board - that's ...

SWTD was looking for a solution using solar energy to solve this problem. Once CUSAT (Cochin University of Science and Technology) team led by Dr. Dileep Krishnan submitted the feasibility study for solar ferry in this route, ... About ADITYA ADITYA is a catamaran ferry boat with GRP (Glass Reinforced Plastic also known as FRP (Fibre ...

Navalt built Aditya, India's pioneering solar ferry, for the Kerala State Water Transport Department. This ferry represents the world's and India's inaugural commercially viable mode ...

Aditya incurs a rock-bottom energy expense of INR200 a day, as compared to the approximately INR8,000 needed for diesel-powered ferries. Solar vessels do not create air and noise pollution.

With its new green innovation, the solar cleaning boat that is working in the Dakor Gomti Lake, the Indian scientist Shreelal Jha won a national award in 2017. To know more Navigaty website NavAlt Solar and Electric Boats Navalt Solar Boats in Facebook Aditya Solar Ferry in Facebook Aditya Virtual Tour in Facebook

Navalt now offers 30 different electric and solar electric boats, everything from the 120 passenger ferry Vego to electric yachts to fishing boats to the 5.5m / 18 ft Dialga leisure craft. The Barracuda is designed to be a fast but rugged electric work horse, engineered to carry 12 passengers and cargo through waves up to 4 metres (13 ft).

The Aditya is India's largest solar boat and the world's first solar-powered ferry. Carrying approximately 1,700 passengers per day, it is 30 times cheaper to run than the diesel ferry it replaced.

Our product line includes Solar Power Packs, Solar Lantern, Solar Signalling Systems, Solar Home Lighting Systems, Solar Street Lighting Systems, Solar Water Heating Systems, Solar Charge Controller, Solar Hybrid Power Plant, Solar Based LED Lighting Systems. Aditya Solar products for Indian Market have the approvals of Solar Energy Center (SEC ...

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As the first solar boat in the country, we were required to conduct a variety of additional tests as well, and finally, we launched the boat on January 5, 2017. ... Aditya reduced the daily energy cost of operating a 75-passenger ...

The first solar-powered ferry in India named as Aditya started service between Vaikom and Thavanakkadavu, connecting Kottayam and Alappuzha districts. This Solar powered boat was ...


India's first-ever solar powered boat "Aditya" has been launched by the Chief Minister Pinarayi Vijayan at a function held in Vaikom boat jetty at Vembanad Lake in Kochi, Kerala. The 75-seater boat fitted with 78 rooftop solar panels, will ferry along a 2.5-kilometre route between Vaikom and Thavanakkadavu 22 times a day.





This unveiling marked the third milestone for Navalt, following the successful creation of Aditya, India's first solar-electric ferry, and SRAV, the world's inaugural solar-electric fishing boat. Navalt's recent launch of Indra, ...

Solar Electric Boats: Plan, Build and Benefit is a comprehensive and informative guide written by someone who knows the subject matter inside and out and is working each day to "enable and empower the transformation ...

Currently, the 2.5 km Vaikom-Tavanakadavu route is served by three steel boats, one wooden boat, and Aditya, country's first solar-powered ferry. Aditya, outfitted with 78 solar panels, operates ...

Web: <https://bardzyndzalek.olsztyn.pl>

 **TAX FREE**



## ENERGY STORAGE SYSTEM

**Product Model**

HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**

1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**

215KWH/115KWH

**Battery Cooling Method**

Air Cooled/Liquid Cooled



The image shows a tall, grey Energy Storage System (ESS) unit. It has a black top and bottom. Two thick green vertical lines run down the front. In the center, there is a blue and white hexagonal graphic with two black arrows pointing outwards. The letters 'ESS' are printed in green at the top right of the unit. At the bottom, there are two yellow triangular warning icons with a lightning bolt symbol.