



WELCOME





Oceans, Electrified.

**Sandith Thandasherry**

Founder CEO of Navalt, India.
Author of "Solar Electric Boats".

“We look forward to cleaner & quieter oceans”

Navalt offers solutions in the marine transport segment. All offerings generate savings in energy and fuel, while at the same time saving money for the clients. The three savings methods are better design, application of renewable energy, and use of analytics.

We have been in business since 2008, and within these years, we have gained an excellent track record through our technical excellence and expertise. We undertake turnkey projects to design and construct specialized vessels under reputed class requirements. These include passenger ferries, ROROs, solar boats, harbor boats, dredgers, workboats, ambulance boats, and other utility boats.

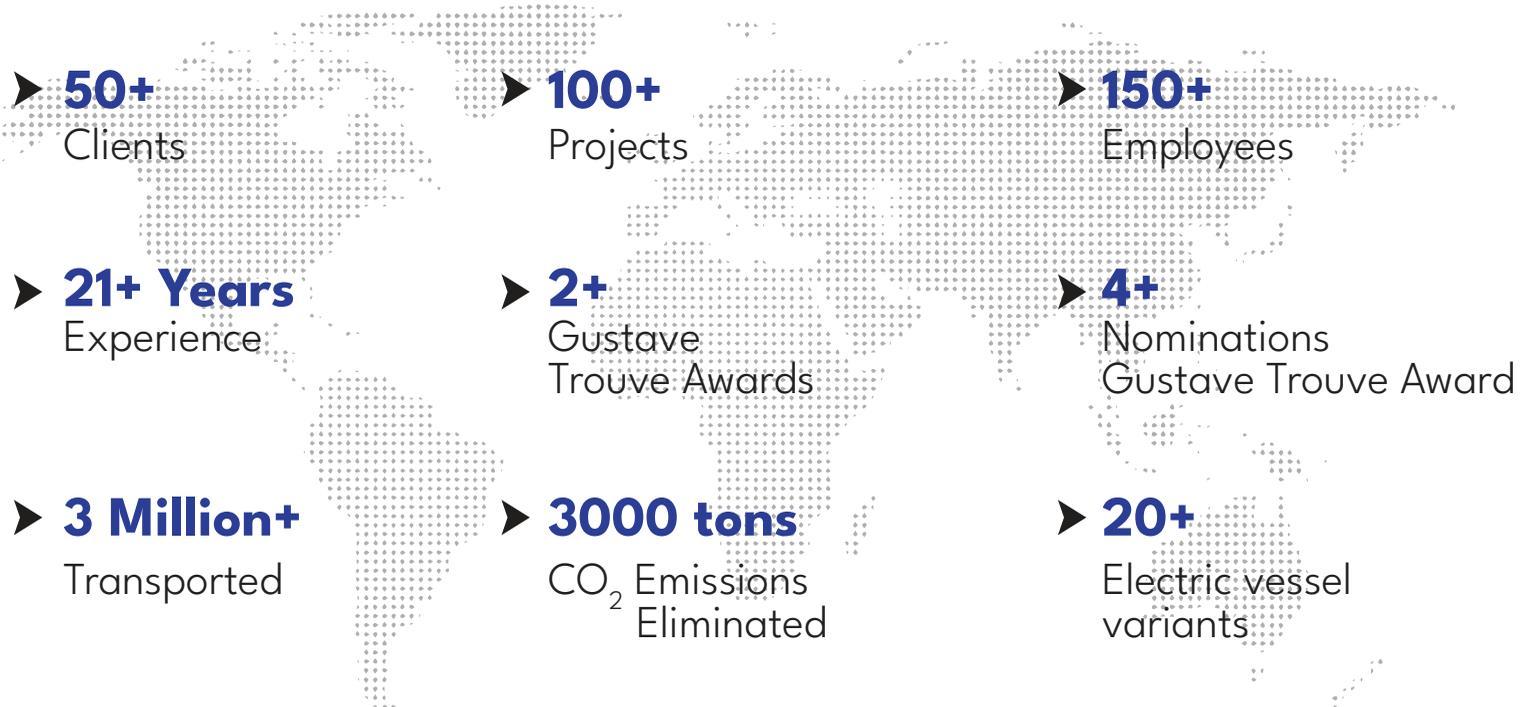
Navalt consists of Navalt Solar & Electric Boats and Oceanix. Navalt is an award-winning manufacturer of solar and electric boats. The Aditya, India's first solar ferry, was built by this venture. Oceanix serves ship owners and managers by helping them make operational savings through analytics.

About Us

Navalt is an eco-marine tech company that specialises in the manufacturing of solar electric vessels. Our ability to combine state-of-the-art data analytics with our unique design skills has paved the way towards building vessels of stellar quality. Navalt's flagship solar electric ferry, "Aditya," is recognised as the world's best. Being a recipient of the Gustave Trouve award, Navalt has always pushed the boundaries of what is possible with regard to building more efficient vessels. Our sheer focus on electrification and attention to design have always been the two solid pillars on which we continue to create amazing results.

Our vision to electrify the ocean by deploying innovative marine tech solutions

Our mission is to bring about an era of sustainable boating with a range of solar-electric boats. These boats are carefully engineered to elevate the customer experience on the water with the highest safety standards.



▶ **50+**
Clients

▶ **100+**
Projects

▶ **150+**
Employees

▶ **21+ Years**
Experience

▶ **2+**
Gustave
Trouve Awards

▶ **4+**
Nominations
Gustave Trouve Award

▶ **3 Million+**
Transported

▶ **3000 tons**
CO₂ Emissions
Eliminated

▶ **20+**
Electric vessel
variants



• AVALON

**CRUISE IN THE
ULTIMATE LUXURY.**

TECHNICAL INFORMATION

MODEL	PASSENGER	SPEED	DIMENSIONS
Avalon	15 P	7 Knots	9 × 3.3 m

INFO



FRONT VIEW



BACK VIEW

Introducing the Avalon, a semi-luxury solar electric cruise boat that comfortably seats 15 passengers. Perfect for tourism and special occasions, this boat offers a silent and vibration-free voyage experience, making it the ideal spot for families to gather and spend quality time together. Experience the ultimate in eco-friendly luxury on the Avalon.



BOAT INTERIOR VIEW



INTERIOR LAYOUT



CUSTOMIZATION OPTION

In addition to its standard features, the Avalon can also be customized to suit your specific needs and preferences. Choose from a variety of wooden panel options, ceiling light variants, and leather finishes in multiple textures to truly make it your own. Experience the ultimate in luxury, comfort and personalization with the Avalon.

The Avalon solar electric cruise boat has been a huge success story for our company. Not only does it offer a luxurious and unique experience for our passengers, but it also operates with minimal expenditure. The boat is powered entirely by solar energy, which means that there is no need for costly fuel expenses. The only cost that we incur on a daily basis is for grid charging, which is negligible in comparison.

WOOD PANEL OPTIONS



LEATHER OPTIONS



CEILING LIGHT OPTIONS



The Avalon solar electric cruise boat is not only customizable in its interior design, but also in its exterior appearance. In addition to colour customization, we also offer a wide range of accessories that can be added to the boat according to our customers' requirements. These accessories include, but are not limited to, additional seating options, sound systems, lighting fixtures and even a built-in bar.

By offering both color customization and additional accessories, we're able to provide our customers with a truly unique and personalized experience on the Avalon solar electric cruise boat. It's these added features that truly set the Avalon apart from other boats in its class making it such a popular choice among our customers.

COLOUR OPTIONS



AVALON GRAY



AVALON BLUE



AVALON RED





LET THE GOOD TIMES FLOAT..

• AVALON+

TECHNICAL INFORMATION

MODEL	PASSENGER	SPEED	DIMENSIONS
Avalon+	15 P	7 Knots	9 × 3.3 m

INFO



FRONT VIEW



BACK VIEW

Introducing the Avalon plus, the ultimate in a super-luxury solar electric cruise boat. This boat is fully air-conditioned, providing the perfect environment for a comfortable and relaxing journey. The boat is perfect for a romantic getaway, a family vacation, or even a corporate event.



BOAT INTERIOR VIEW



INTERIOR LAYOUT



CUSTOMIZATION OPTION

The Avalon Plus comes equipped with a range of amenities, including a mini bar, spacious couch, dance floor and karaoke machine, making it perfect for hosting events or parties. For couples looking for a more intimate setting, it also features small coffee tables to enjoy their time together.

The boat is also equipped with a washroom, so you never have to worry about inconvenience during your voyage. The floor of the boat is made of glass, allowing you to enjoy the underwater beauty while cruising.

The Avalon Plus is packed with a curved TV and a stereo system, so you can enjoy your favourite music and shows while on the water. The Avalon Plus offers a truly unique and luxurious experience on the water.

WOOD PANEL OPTIONS



LEATHER OPTIONS



CEILING LIGHT OPTIONS



In addition to its impressive list of standard features, the Avalon Plus is also customizable in terms of its exterior appearance. We offer a variety of stylish colour variants for the boat's exterior, allowing you to choose the colour that best reflects your personal style and taste.

We also offer a wide range of accessories that can be added to the Avalon Plus according to your specific needs and preferences. These accessories include, but are not limited to, additional seating options, sound systems, lighting fixtures, and even a built-in hot tub. By offering both colour customization and additional accessories, we're able to provide you with a truly unique and personalized experience on the Avalon Plus solar electric cruise boat and it's what makes it such a popular choice among our customers.

COLOUR OPTIONS



AVALON GRAY+



AVALON BLUE+



AVALON RED+





• SAFFRON BULL

THE UNTAMABLE BULL CRUISER.

TECHNICAL INFORMATION

MODEL	PASSENGER	SPEED	DIMENSIONS
Saffron bull	24 pax	7 Knots	12 x 3.6 m

INFO



FRONT VIEW



BACK VIEW

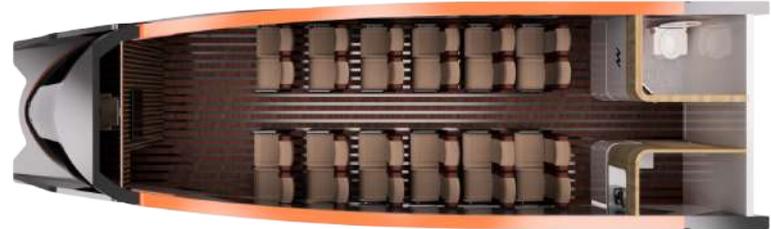
Introducing the all-electric, one-of-a-kind, Bull Cruiser. Carved in the likeness of a bull, this powerful and majestic vessel commands attention as it glides through the water. Measuring 12 meters in length and capable of comfortably carrying 24 passengers, this vessel radiates awesomeness with its striking saffron colour.



BOAT INTERIOR VIEW



INTERIOR LAYOUT



CUSTOMIZATION OPTION

The Saffron Bull is not only a sight to behold, but it also boasts a unique and eco-friendly electric propulsion system, allowing for a silent and vibration-free voyage experience. The perfect vessel for tourism and special occasions, this boat offers a unique and unforgettable experience for all passengers.

Experience the ultimate in luxury and innovation with the Saffron Bull. Don't miss out on the opportunity to own this rare and extraordinary vessel. Tame one today and embark on an unforgettable adventure on the water.

WOOD PANEL OPTIONS



LEATHER OPTIONS



CEILING LIGHT OPTIONS



In addition to its impressive exterior, the Bull Cruiser also offers customization options for its interior. You can choose from a variety of wooden panel options, ceiling light variants, and leather finishes in multiple textures to truly make it your own. The Bull Cruiser's interior can be customized to suit your specific needs and preferences to make it comfortable and stylish.

As for the exterior, the saffron Bull Cruiser can also be customized with multiple colour variants that can be chosen according to your preference. You can choose the colour that best reflects your personal style and taste, making it even more unique and personalized

COLOUR OPTIONS



AVALON GRAY



AVALON BLUE



AVALON RED







NEXT-GENERATION WATERCRAFT

• BLUE AIR

TECHNICAL INFORMATION

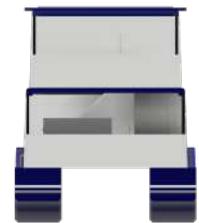
MODEL	PASSENGER	SPEED	DIMENSIONS
Blue Air	50 pax	7 Knots	16 × 5.5 m

INFO

Introducing the Blue Air, a 100% electric and eco-friendly boat that is perfect for exploring the waterways of India. With a capacity of 50 passengers, the Blue Air is a double-decker vessel that offers a wide viewing area for commuters to take in the sights and sounds of the surrounding environment.



FRONT VIEW



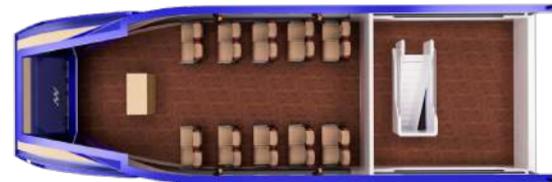
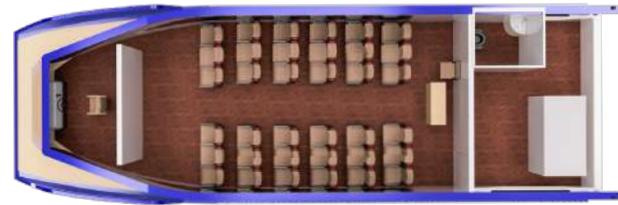
BACK VIEW



BOAT INTERIOR VIEW



INTERIOR LAYOUT



CUSTOMIZATION OPTION

One of the key features of the Blue Air is its propulsion system. It is powered by a state-of-the-art 80kWh LFP battery, which provides ample power for extended trips on the water. Additionally, it is equipped with a 40-kW motor that allows it to reach a top speed of 6 knots.

The Blue Air is also fully air-conditioned, ensuring that passengers stay cool and comfortable even on the hottest days. The boat comes in multiple colour variants and additional accessories and customisation options are available. This means that you can choose the perfect colour to match your style and add any additional features to make your journey even more comfortable.

WOOD PANEL OPTIONS



LEATHER OPTIONS



CEILING LIGHT OPTIONS



In addition to its impressive exterior, the Blue Air also offers customization options for its interior. You can choose from a variety of wooden panel options, ceiling light variants, and leather finishes in multiple textures to truly make it your own. The Blue Air's interior can be customized to suit your specific needs and preferences to make it comfortable and stylish.

As for the exterior, the Blue Air Cruiser can also be customized with multiple colour variants that can be chosen according to your preference. You can choose the colour that best reflects your personal style and taste, making it even more unique and personalized.

COLOUR OPTIONS



AIR BLUE



AIR RED



AIR GREEN





LEISURE IS A BOAT RIDE AWAY

• MARSEL

TECHNICAL INFORMATION

MODEL	PASSENGER	SPEED	DIMENSIONS
Marsel	30 P	7 Knots	10 x 3.5 m

INFO



FRONT VIEW

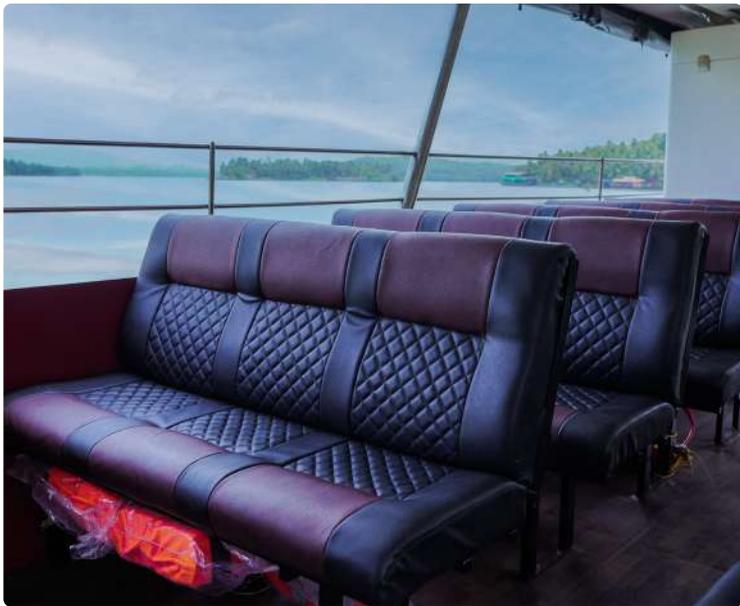


BACK VIEW

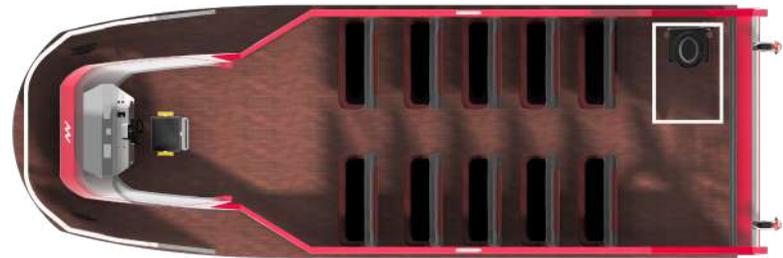
Introducing the Marsel, a luxurious and eco-friendly solar-electric boat designed specifically for leisure tourism. With a capacity of 30 passengers, the Marsel is the perfect vessel for exploring the beautiful waterways of India.



BOAT INTERIOR VIEW



INTERIOR LAYOUT



CUSTOMIZATION OPTION

Additionally, it is equipped with an 8-kW motor that allows it to reach a top speed of 6 knots. This combination of battery power and motor strength make the Marsel a fast and efficient vessel.

In addition to its impressive list of standard features, the Marsel is also customizable in terms of its exterior appearance. We offer a variety of stylish colour variants for the boat's exterior, allowing you to choose the colour that best reflects your personal style and taste. This added feature not only makes the boat more visually appealing, but also makes it more unique and personalized for each individual customer.

WOOD PANEL OPTIONS



LEATHER OPTIONS



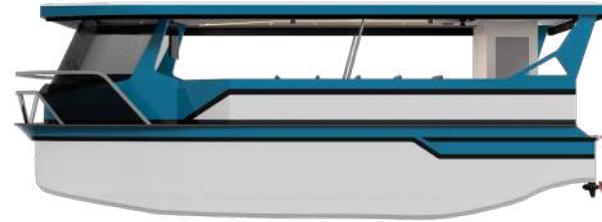
CEILING LIGHT OPTIONS



In addition to its impressive exterior, the Marsel also offers customization options for its interior. You can choose from a variety of wooden panel options, ceiling light variants, and leather finishes in multiple textures to truly make it your own. The Marsel's interior can be customized to suit your specific needs and preferences to make it comfortable and stylish.

As for the exterior, the Marsel can also be customized with multiple colour variants that can be chosen according to your preference. You can choose the colour that best reflects your personal style and taste, making it even more unique and personalized.

COLOUR OPTIONS



MARSEL BLUE



MARSEL GRAY



MARSEL RED





SUSTAINABLE CRUISING, REDEFINED

Dialga

DIMENSIONS

● LENGTH	● BREADTH	● DEPTH	● DRAFT
5.5m	2m	0.8m	0.4m

INFO



FRONT VIEW



BACK VIEW

The Dialga comes with three distinct variants, each of which has unique features and customization options to suit your preferences. The three types that offer the chance for a tranquil cruising experience are the DT, DG, and DGX.



Dialga

TECHNICAL INFORMATION

DT



- Motor ----- 6 kW
- Battery ----- 10 kWh
- Speed ----- 7 knots
- Passengers ----- 6-8
- Solar Panel ----- 1 kW
- Material ----- FRP
- 9+ Color variants



DG



- Motor ----- 8 kW
- Battery ----- 16 kWh
- Speed ----- 9 knots
- Passengers ----- 6-8
- Solar Panel ----- 1 kW
- Material ----- FRP
- 9+ Color variants



DGX



- Motor ----- 8 kW
- Battery ----- 16 kWh
- Speed ----- 9 knots
- Passengers ----- 6
- Solar Panel ----- 1 kW
- Material ----- FRP
- Custom Tri-tone finish

WOOD PANEL OPTIONS



LEATHER OPTIONS



the *Dialga DT*, has a glossy appearance and a tiller propulsion mechanism. It offers an astonishing selection of 9 color variations and can comfortably sit 6–8 persons in parallel.

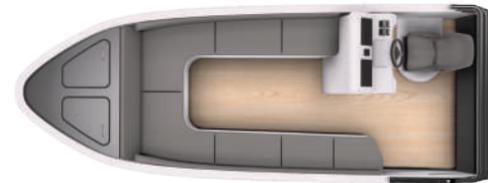
Crafted to perfection, our second variant the *Dialga DG* comes with an electric steering providing you with a convenient boating experience. With a stylish matte finish, it can accommodate 6-8 people, ensuring ample space for you and your guests to relish the utmost comfort and freedom.

The third and most premium variant is the *Dialga DGX*, designed for the ultimate family cruising experience. It features front steering and a dashboard, offering enhanced control and navigation. The DGX model is highly customizable, and also boasts a unique tri-tone finish which adds to the elegance of the boat.

INTERIOR LAYOUT



DT



DG



DGX





ADITYA

INDIA'S FIRST SOLAR FERRY.



1ST PLACE

Winner of Gustave Awards 2020
for "The worlds best electric ferry
for paying passengers "

BOAT INTERIOR VIEW



INFO

Aditya is the India's first solar-electric ferry, revolutionizing the way we think about marine transportation. With its state-of-the-art electric propulsion system, Aditya harnesses the power of the sun to provide a clean and sustainable mode of transport. The ferry can accommodate up to 100 passengers and carry forward daily operation without using a single drop of fuel. Its silent electric motor not only reduces emissions but also provides a peaceful and enjoyable ride for passengers.

BENEFITS OF ADITYA

Aditya is not only environmentally friendly but also cost-effective. By using solar power, the ferry eliminates the need for costly and polluting fossil fuels. This results in significant cost savings for the operator.

Aditya, India's first solar ferry, which redefined the country's inland water transportation, is now celebrating five years of success. It's quite spectacular that the fame and success achieved by this vessel remain paramount to this very day. The ferry has achieved breakeven in 2019 and is counting its profit now.





20m long x 7m wide



6 hrs of runtime at cruise speed



Max speed of 7.5 knots



20kWp Photovoltaic array



2x20kW



Optional plug & charge



Capacity of 75 passengers



No fossil fuel on-board



ADITYA is a catamaran ferry boat with a GRP (Glass Reinforced Plastic, also known as FRP, or Fiber Reinforced Plastic) hull and an aluminium superstructure built under IR Class (Indian Register of Shipping, a member of the International Association of Classification Societies).



INDRA

GOD OF ALL BOATS.

BOAT INTERIOR VIEW



INFO

Introducing the newest addition to the marine transportation industry, the Indra double-decker ferry. This 100-passenger ferry is not only spacious and comfortable but also environmentally friendly. With its advanced technology, the Indra is powered by an 80 kWh LFP battery and two 25 kW electric motors for propulsion, supported by 24 kW solar panels. This allows the ferry to reach a maximum speed of 7.5 knots and provide a smooth and efficient ride for its passengers.

BENEFITS OF INDRA

Indra not only reduces emissions but also provides a peaceful and enjoyable ride for passengers. The ferry's advanced technology also makes it cost-effective, as it eliminates the need for costly and polluting fossil fuels. In addition, the Indra also has the convenience of an air conditioning support, to ensure a comfortable travel experience for passengers, especially during the hot summer months.

Indra is an innovative solution for short-distance water transportation, suitable for everything from commuter routes to sightseeing tours. With the Indra, you can enjoy a comfortable and eco-friendly ride while doing your part to protect the planet.





25m long x 7m wide



6 hrs of runtime at cruise speed



Max speed of 7.5 knots



24kWp Photovoltaic array



2x20kW



Optional plug & charge



Capacity of 100 passengers



No fossil fuel on-board



INDRA is a catamaran ferry boat with a GRP (Glass Reinforced Plastic, also known as FRP, or Fiber Reinforced Plastic) hull and an aluminium/FRP superstructure built under IR Class (Indian Register of Shipping, a member of the International Association of Classification Societies).



RIVEIERE

THE ELECTRIFIED FRENCH CONNECTION.

BOAT INTERIOR VIEW



INFO

A ferry which has been designed to offer stupendous performance along with enormous passenger experience during the voyage. We call it the Riveiere. This ferry can transport 75 passengers and it provides a soothing experience for the passengers throughout the journey. The safety features integrated into the boat are unmatched in the competition, which makes Riveiere stand out!

BENEFITS OF RIVEIERE

Riveiere, the magnificent synonym of purity. This efficient 75 passenger hybrid vessel can cruise through the waters at a speed of 8 knots. It offers greater stability and comfort to the passengers on board. The classy design combined with a range of 150Kms makes it the perfect choice for an awesome river cruise.

The Riveiere, our next-generation commercial passenger ferry, is designed to make your travel as pleasant and relaxing as possible. With its exquisite 75-seat cabin and cutting-edge vessel design, it is the most fuel-efficient watercraft on Kerala's waterways.





19m long x 6.5 m wide



6 hrs of runtime at cruise speed



Max speed of 8 knots



20kWp Photovoltaic array



2x20kW



Optional plug & charge



Capacity of 75 passengers



Hybrid Technology
Genset 2x25 kVA



RIVEIERE is a catamaran ferry boat with a GRP (Glass Reinforced Plastic, also known as FRP, or Fiber Reinforced Plastic) hull and an aluminium superstructure built under IR Class (Indian Register of Shipping, a member of the International Association of Classification Societies).



ZAYLE

THE ELECTRIFIED GARGANTUAN.

BOAT INTERIOR VIEW



INFO

The Zayle is a revolutionary new boat that has been launched in India. With a capacity of 100 passengers, it is designed to provide a comfortable and enjoyable experience for all who board. One of the most unique features of the Zayle is its propulsion system - it is powered by solar electricity, making it an environmentally friendly option for those looking to explore India's waterways.

BENEFITS OF ZAYLE

The boat is fully air-conditioned, ensuring that passengers stay cool and comfortable even on the hottest days. As the first of its kind to be launched in India, the Zayle is sure to be a popular choice among tourists and locals alike.

The Zayle is a state-of-the-art boat that boasts impressive technical specifications. It is equipped with a powerful 80kWh battery, which provides ample power for extended trips on the water. Additionally, it has two 80kW motors on board, which allow it to reach a top speed of 10 knots. This combination of battery power and motor strength make the Zayle a fast and efficient vessel.





27m long x 8.6m wide



7 hrs of runtime at cruise speed



Max speed of 10 knots



25kWp Photovoltaic array



2x80kW



Optional plug & charge



Capacity of 100 passengers



No fossil fuel on-board



ZAYLE is a catamaran ferry boat with a GRP (Glass Reinforced Plastic, also known as FRP, or Fiber Reinforced Plastic) hull and an aluminum superstructure built under IR Class (Indian Register of Shipping, a member of the International Association of Classification Societies).



MALDIVO

THE PRISTINE PALACE OF MALDIVES

BOAT INTERIOR VIEW



INFO

Introducing Maldivo, the revolutionary solar electric ferry that is set to revolutionize the way we travel on water. With its unique design and state-of-the-art technology, Maldivo can accommodate up to 75 passengers in comfort and style. The ferry is also equipped with all the latest safety features, including life jackets and emergency systems, to ensure the safety and well-being of all passengers.

BENEFITS OF MALDIVO

Powered by an 88 kWh LFP battery pack and 25 kW solar panels, Maldivo's twin 25 kW electric motors allow it to achieve a top speed of 8 knots, making it one of the fastest electric ferries on the water. The combination of solar power and battery storage ensures that Maldivo is not only eco-friendly but also highly efficient, reducing both emissions and operating costs.

Not only is Maldivo a great choice for commuting, but it is also perfect for special events and sightseeing tours. With its smooth, quiet operation and stunning views, Maldivo offers a truly unforgettable experience on the water.





26.7 m long x 7m wide



6 hrs of runtime at cruise speed



Max speed of 8 knots



20kWp Photovoltaic array



2x25kW



Optional plug & charge



Capacity of 75 passengers



No fossil fuel on-board



MALDIVO is a catamaran ferry boat with a GRP (Glass Reinforced Plastic, also known as FRP, or Fiber Reinforced Plastic) hull and an aluminium superstructure built under IR Class (Indian Register of Shipping, a member of the International Association of Classification Societies).



SRAV
BUILT LIKE A SHARK



Winner of Gustave Awards 2022
for "The world's best electric work
boat"



INFO

Introducing SRAV, the revolutionary solar electric fishing boat developed by Navalt. This cutting-edge vessel is designed to provide fishermen with a sustainable, cost-effective, and environmentally-friendly alternative to traditional fishing boats. Powered by a combination of solar panels and battery storage, SRAV eliminates the need for fossil fuels, reducing operational expenses and minimizing pollution.

BENEFITS OF SRAV

SRAV also features advanced navigation and fish-finding technology, as well as a reinforced hull for improved stability and manoeuvrability, making it the perfect vessel for both inshore and offshore fishing. The vessel's low noise and zero-emission operation also allow for a more sustainable approach to fishing, protecting marine life and preserving the ocean's delicate ecosystem.

In addition to providing a cost-effective and sustainable solution for fishermen, SRAV is also a great choice for ecotourism and research, with its low-impact operation, and silent and clean propulsion system. SRAV is a great example of how innovation in technology can support the sustainable development of the fishing industry.





10m long x 3.6m wide



4.5 hrs of runtime at cruise speed



Max speed of 7 knots



3 kWp Photovoltaic array



2x6kW



Optional plug & charge



Capacity of 6 passengers



No fossil fuel on-board

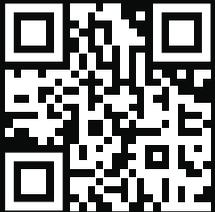






CLEANER & QUIETER OCEANS.

Navalt Solar & Electric Boats Pvt. Ltd



🌐 www.navalt.in

☎ +91 9895 329 271, +91 9895 343 021

✉ marketing@navalt.in, sales@navalt.in

🌐 8 The Green, Dover, Kent, Delaware, USA

🌐 71-75 Sheltron Street, Covent Garden, London, WC2H 9JQ, UK

📍 (KTIZ) Kalamassery, Kochi – 683503, India
