



# VESSEL BROCHURE

[www.navalboats.com](http://www.navalboats.com)

# Countries in Operation

Canada, Cyprus, India, Israel & Seychelles



# Oceans, Electrified.



**85** Boats Crafted  
& Countless to be  
Electrified

# “We look forward to cleaner & quieter Oceans”



**Sandith Thandasherry**

Founder & CEO of Navalt  
Author of “Solar Electric Boats”.

**Navalt** electrifies marine transport. Every offering cuts energy and fuel consumption, and cuts our clients' costs with it. We do this four ways: better design, renewable energy, electric propulsion, and performance analytics.

We have been in business since 2008. In that time we have built 85 boats operating across 12 Indian states, with exports to Canada, Cyprus, Israel and the Seychelles. Our vessels have carried 75 lakh passengers over 21 lakh kilometres, saved 15 lakh litres of diesel, and saved ₹37 crore in fuel. The Aditya, India's first solar-electric ferry, was ours — inaugurated in January 2017, days after we won the National Contest on Social Innovation from the Prime Minister of India.

We undertake turnkey projects to design and construct specialized vessels to reputed class requirements: passenger ferries, ROROs, solar boats, harbour boats, dredgers, workboats, ambulance boats and other utility craft. We also build the systems that drive them — energy storage, powertrain, steering and control — and operate and maintain the boats we deliver. Battery-swap technology, for small boats in particular, is being brought into the range.

The group operates four brands. **Navalt** builds solar and electric boats and the **Greenship** propulsion systems that power them. **Ocealt** provides offshore design. **Oceanix** serves ship owners and managers with performance analytics, and today analyses roughly 1,100 ships with 750 vessels for MSC, the world's largest container shipping line.

## About Us

### Our Vision

To become the world's foremost marine technology company, pioneering the electrification of marine transport.

### Our Mission

To electrify the oceans and accelerate the maritime transition to sustainable energy.

**Navalt** is an eco-marine tech company. We build solar-electric vessels, the propulsion systems that drive them, and the analytics that keep fleets efficient. Combining data analytics with our own design work is what lets us build vessels of stellar quality.

Our flagship solar-electric ferry, Aditya, is recognised as the world's best. Two Gustave Trouvé Awards and thirteen nominations have followed. Electrification and design remain the two pillars we build on.

**60+**  
Clients

**100+**  
Projects

**128+**  
Boat Years

**7.5M+**  
Passengers  
transported

**3.5k**  
Tons CO<sub>2</sub>  
Emission  
Eliminated

**20+**  
Electric Vessel  
Variants

**2**  
Gustave Trouvé  
Awards

**13**  
Gustave  
Trouvé  
nominations

**150+**  
Employees

# Our Boats

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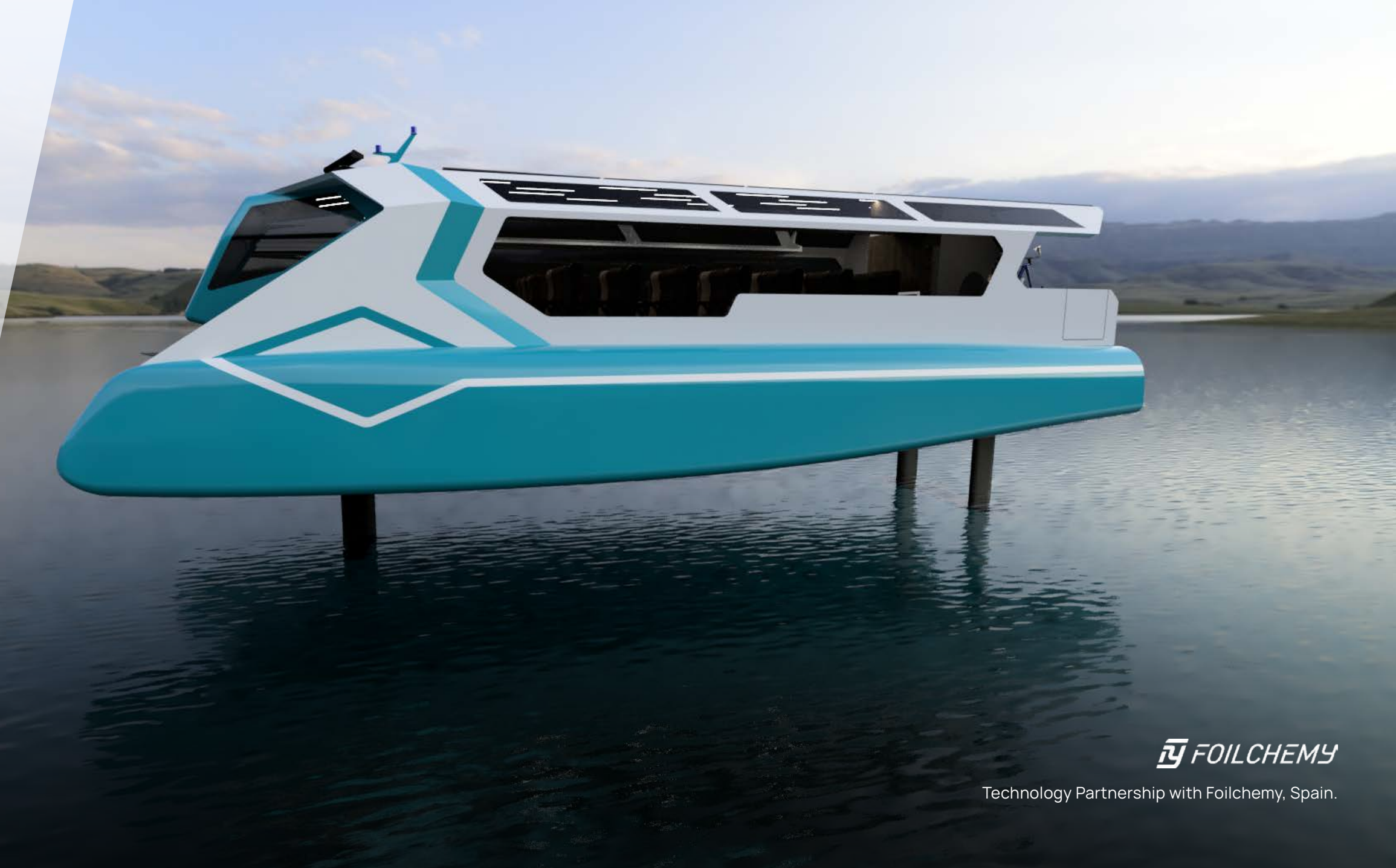
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01

Hydrofoil Boats



 FOILCHEMY

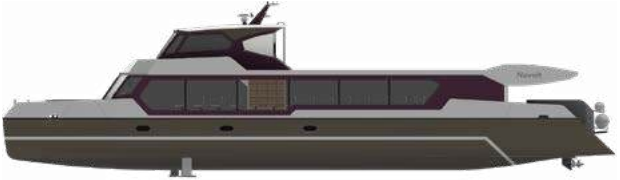
Technology Partnership with Foilchemy, Spain.



# Orion

Speed Unleashed

Introducing **Orion**, a futuristic 150-passenger foil-assisted catamaran hybrid ferry designed for high-speed, long distance, efficient and sustainable maritime transportation. Its advanced catamaran hull and foil-assisted technology reduce hydrodynamic resistance while delivering exceptional stability and comfort at speed.



Boat Exterior Layout

## Technical Information

|                  |                |
|------------------|----------------|
| Passenger        | Up to 150 P    |
| Dimension        | 36.5 x 12 m    |
| Engine           | 2 x 2400 hp    |
| Motor            | Up to 80 kW    |
| Battery          | 100 kWh        |
| Speed (Electric) | 7 Knots        |
| Speed (Hybrid)   | Up to 30 Knots |

## Specifications



### Propulsion

Diesel propulsion for high speed and Electric pods for slow speed



### Hydrofoil assist

20% lower energy consumption



### Battery

LFP (for air conditioning and zero emission mode)



### Boat Design

IACS class approved

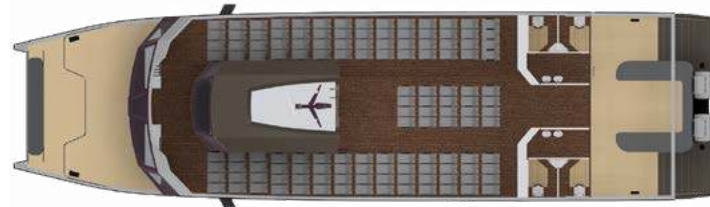


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Orion

Orion combines luxury, performance and efficiency in a 150-passenger high-speed ferry. Designed with comfortable luxury seating, air-conditioned interiors, dedicated toilets and ample luggage space, it offers a premium passenger experience while maintaining excellent stability and **sea-going capability**. Its hydrofoils, efficient hull form, and advanced hybrid propulsion system reduce fuel consumption, emissions and operational noise, improving overall efficiency and making Orion a cleaner and more sustainable choice for high-speed passenger transportation.

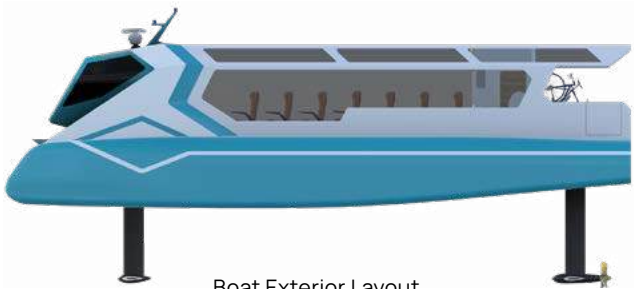




# Helios

Glide Beyond

Introducing **Helios**, a futuristic hydrofoil solar-electric boat designed to deliver a smooth, silent and sustainable experience on the water. Its advanced hydrofoil technology lifts the hull above the surface, significantly reducing drag while enabling an exceptionally efficient and comfortable ride. Powered entirely by electric propulsion and supported by solar energy, Helios combines cutting-edge marine technology with sustainability.



Boat Exterior Layout

## Technical Information

|             |                |
|-------------|----------------|
| Passenger   | Up to 50 P     |
| Dimension   | 16 x 5.5 m     |
| Motor       | 2 x 300 kW     |
| Battery     | Up to 800 kWh  |
| Solar       | 10 kW          |
| Speed (Max) | Up to 35 Knots |

## Specifications



**Propulsion**  
Electric thrusters



**Hydrofoil assist**  
50% lower energy consumption



**Battery**  
LFP/LTO



**Full Boat Design**  
IACS class approved

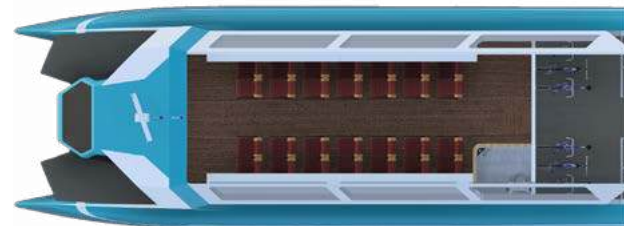


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout

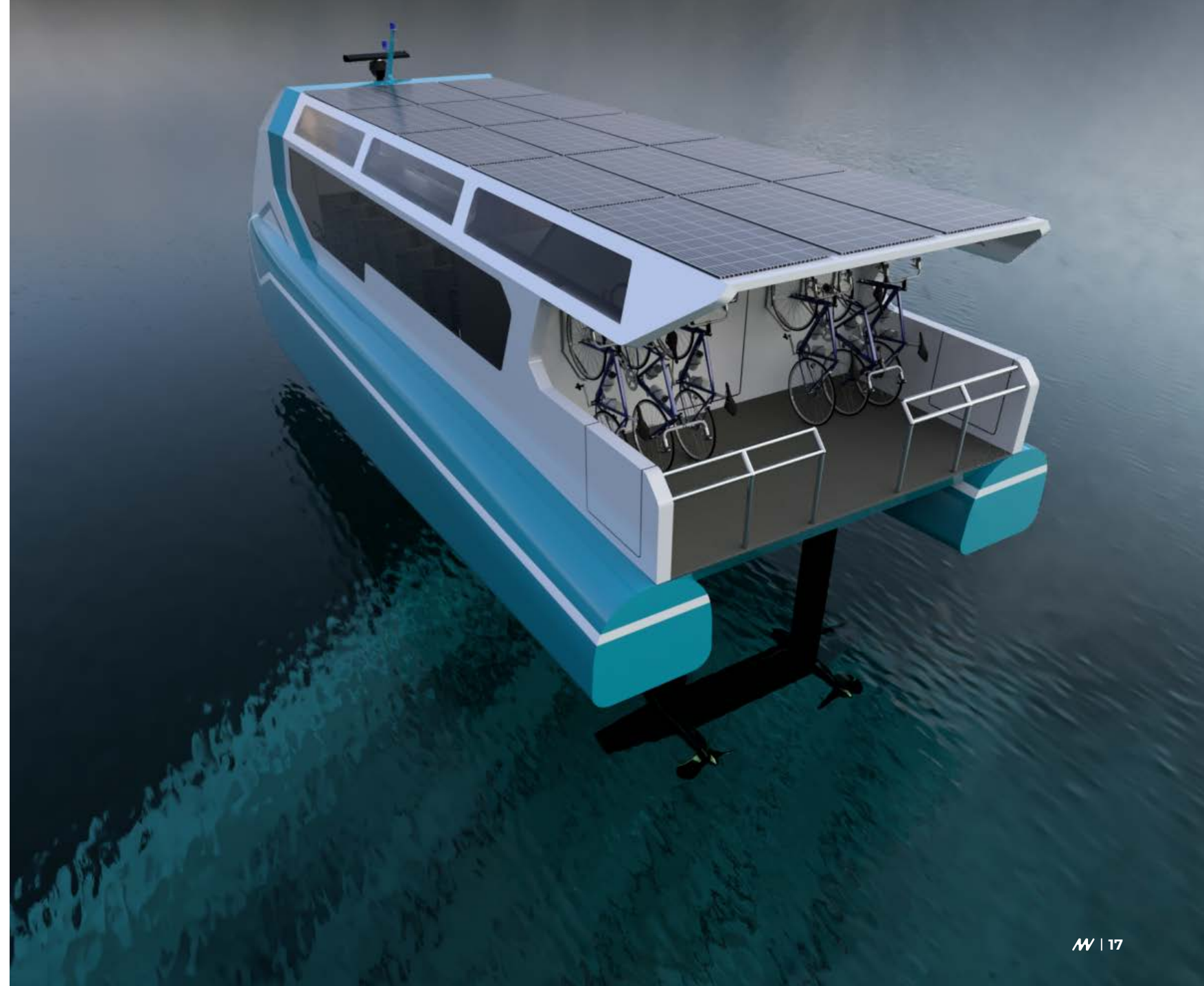


Boat Interior Layout

## Benefits of Helios

Helios combines advanced **hydrofoil technology**, comfort and clean electric mobility to deliver an exceptional experience on the water. Equipped with comfortable passenger seating, a dedicated toilet and pantry, it offers the convenience of a premium leisure boat while its hydrofoil system lifts the hull above the water, significantly reducing drag and improving ride comfort.

Designed to operate in **waves up to 2 metres** while in foiling mode, Helios delivers a smooth, efficient and futuristic cruising experience powered entirely by solar-electric propulsion.





# 02

Passenger  
Transportation & Ro-Ro



# Kraken

Power Unbound

A next-generation solar-electric **RoRo** vessel designed for seamless vehicle and passenger transport. Kraken enables efficient roll-on, roll-off operations while delivering high-capacity, emission-free mobility for modern waterways.



Boat Exterior Layout

## Technical Information

|                  |                             |
|------------------|-----------------------------|
| Payload          | 20 Cars or 4 Large Trailers |
| Dimension        | 47 x 10 m                   |
| Motor            | Up to 2 x 200 kW            |
| Battery          | Up to 300 kWh               |
| Solar            | 35 kW                       |
| Speed (Electric) | Up to 10 Knots              |



## Specifications



Propulsion  
Electric thruster



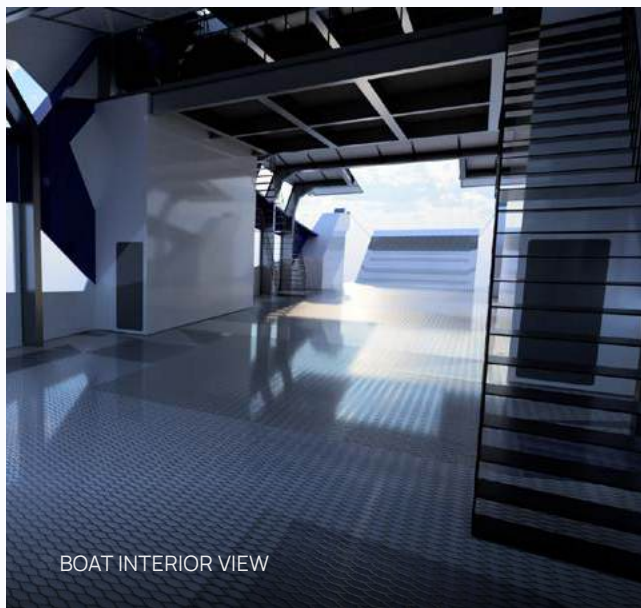
Advanced Steering  
ORCA - electric steering system



Battery  
LFP/LTO



Boat Design  
IACS class approved

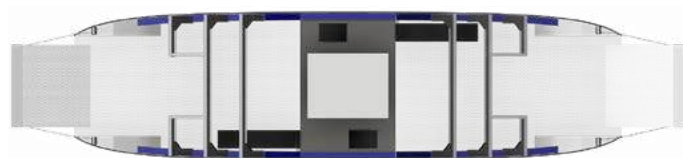


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Kraken

Kraken is a high-capacity solar-electric RoRo vessel designed for efficient and sustainable cargo transportation. With the capacity to carry up to 20 cars or four 40-foot container trailers, it offers exceptional cargo flexibility and operational efficiency. Its double-ended design enables seamless loading, unloading and manoeuvring without the need to turn the vessel, while its stable hull provides safe and comfortable operations. Powered by solar-electric propulsion, Kraken significantly reduces fuel consumption, operating costs and emissions, delivering greater savings and a cleaner future for short-sea transportation.



# Titan

The Electric Colossus

Introducing **Titan**, a high-capacity 300-passenger solar-electric ferry designed for comfortable, efficient and sustainable passenger transportation. With its spacious, modern interiors and advanced propulsion system, Titan combines solar-electric technology with hybrid capability to deliver reliable performance, reduced operating costs and lower emissions. Built for high-capacity operations across India's waterways. Designed for **sea-going** operations up to Sea State 6.



Boat Exterior Layout

## Technical Information

|                  |                |
|------------------|----------------|
| Passenger        | Up to 300 P    |
| Dimension        | 40 x 12 m      |
| Motor            | 2 x 750 kW     |
| Battery          | Up to 1000 kWh |
| Solar            | 35 kW          |
| Speed (Electric) | Up to 20 Knots |
| Speed (Hybrid)   | Up to 25 Knots |



## Specifications



### Propulsion

Electric motor or engine as per operational needs



### Advanced Steering

ORCA - electric steering system



### Battery

LFP/LTO



### Boat Design

IACS class approved

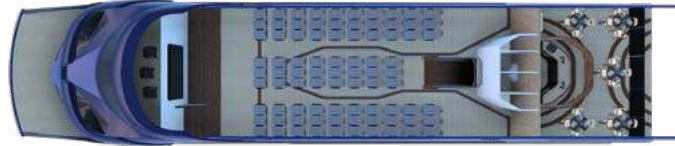


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Titan

Titan is a 300-passenger electric ferry engineered for high-capacity, sustainable maritime transportation. Its spacious, comfortable and **air-conditioned passenger cabin** provides a premium travel experience, while its advanced electric propulsion delivers quiet, efficient and emission-free operation.

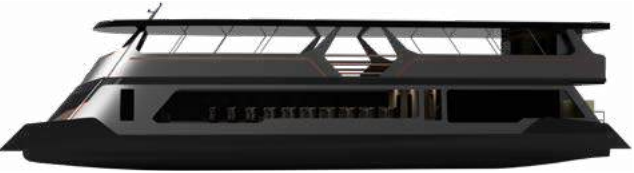
Designed for **sea-going** operations up to **Sea State 6 (Hs 4m wave)**, Titan combines exceptional stability, robust performance and long-range capability to provide reliable passenger mobility even in challenging marine conditions.



# Zayle

The Electrified Gargantuan

The **Zayle** is a revolutionary new boat that has been launched in India. With a capacity of 150 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, which is powered by solar electricity, making it an environmentally friendly option for those looking to explore the waterways.



Boat Exterior Layout



## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 150 P      |
| Dimension        | 27 x 8.6 m       |
| Motor            | Up to 2 x 500 kW |
| Battery          | Up to 1000 kWh   |
| Solar            | 30 kW            |
| Speed (Electric) | Up to 15 Knots   |
| Speed (Hybrid)   | Up to 25 Knots   |

## Specifications



### Propulsion

Electric motor or engine as per operational needs



### Advanced Steering

ORCA - electric steering system



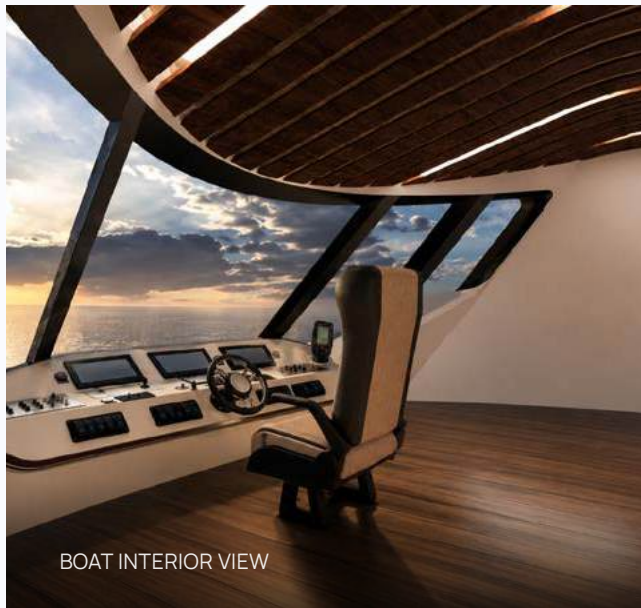
### Battery

LFP/LTO

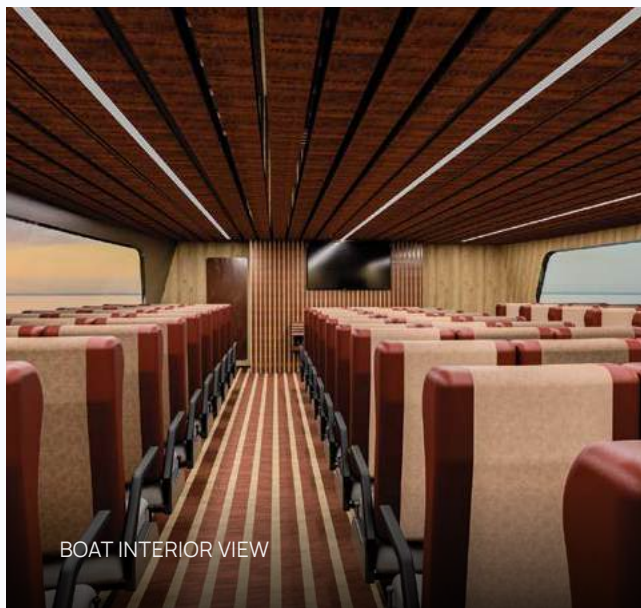


### Boat Design

IACS class approved

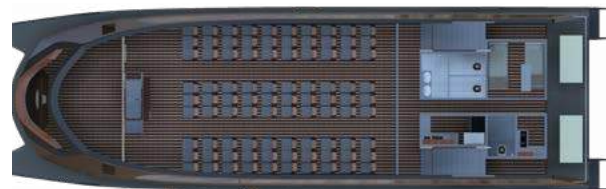


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Zayle

Zayle is a luxurious double-decker catamaran designed to deliver a premium and memorable experience on the water. With spacious, beautifully appointed interiors, a comfortable **air-conditioned passenger cabin** with ample seating, and generous open areas, it offers an ideal setting for cruise tourism and leisure voyages.

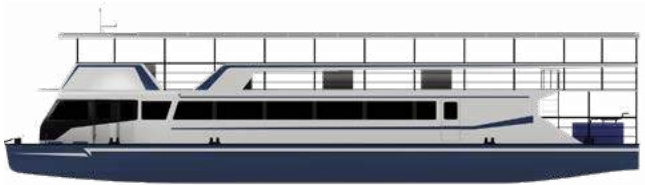
Its stable catamaran platform ensures a smooth and comfortable ride, while its elegant design and panoramic views create an exceptional experience for tourists and passengers alike.



# Indra

God of All Boats

Introducing **Indra**, a majestic double-decker ferry designed for comfortable, spacious and sustainable passenger transportation. With its expansive upper deck, generous passenger areas and thoughtfully designed interiors, Indra offers an elevated experience for sightseeing, tourism and everyday waterway travel. Combining modern marine design with solar-electric technology, Indra delivers a quiet, efficient and environmentally conscious journey while making every voyage a memorable experience.



Boat Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 100 P      |
| Dimension        | 25 x 6 m         |
| Motor            | Up to 2 x 500 kW |
| Battery          | Up to 1000 kWh   |
| Solar            | 25 kW            |
| Speed (Electric) | Up to 15 Knots   |
| Speed (Hybrid)   | Up to 25 Knots   |



## Specifications



### Propulsion

Pod/Inboard  
depends on speed



### Advanced Steering

ORCA - electric  
steering system



### Battery

LFP/LTO



### Boat Design

IACS class approved

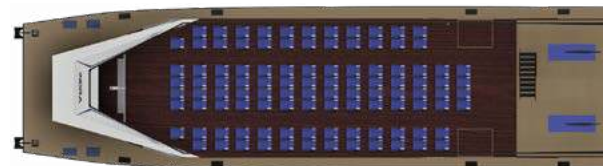


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Indra

Indra reduces emissions while providing a peaceful, smooth, and enjoyable ride for passengers. Its advanced technology eliminates the need for costly fossil fuels, making it a cost-effective and sustainable solution. **Fully air-conditioned cabins** ensure a cool and comfortable journey, even during hot summer months.

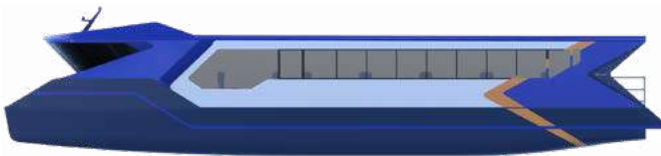
Indra is ideal for short-distance transportation, from daily commuter routes to sightseeing tours offering a **comfortable, quiet, and eco-friendly travel experience**.



# Supernova

Evolution Electrified

Introducing **Supernova**, a next-generation solar-electric ferry designed to bring a new era of clean and comfortable passenger transportation to the water. With its bold, futuristic design and spacious passenger accommodation, Supernova combines advanced electric propulsion with solar energy for quiet, efficient and emission-free operation. Built to deliver a smooth and refined passenger experience, it represents the evolution of sustainable maritime mobility.



Boat Exterior Layout



## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 75 P       |
| Dimension        | 21 x 7 m         |
| Motor            | Up to 2 x 500 kW |
| Battery          | Up to 1000 kWh   |
| Solar            | 20 kW            |
| Speed (Electric) | Up to 15 Knots   |
| Speed (Hybrid)   | Up to 25 Knots   |

## Specifications



### Propulsion

Pod/Inboard  
depends on speed



### Advanced Steering

ORCA - electric  
steering system



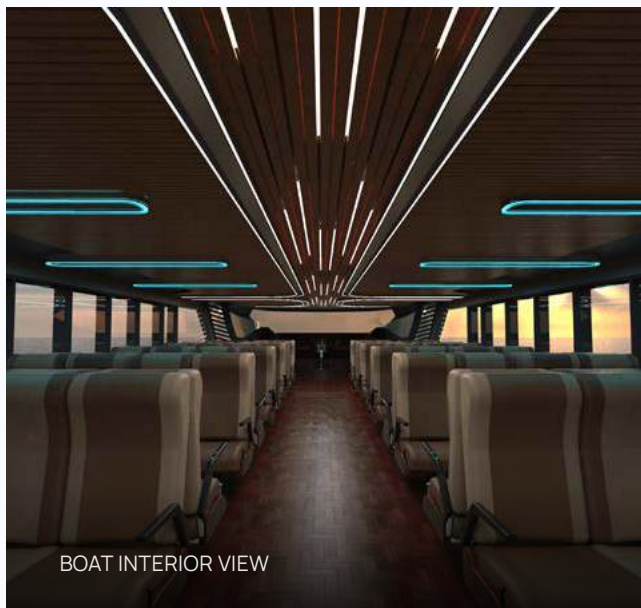
### Battery

LFP/LTO

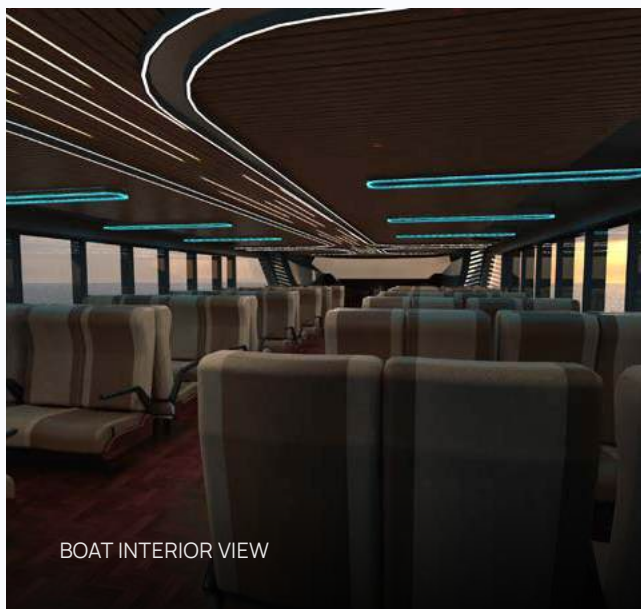


### Boat Design

IACS class approved

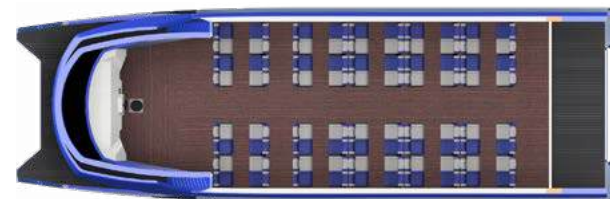


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Supernova

Supernova is a silent, cost-efficient, and eco-friendly passenger ferry designed for a smooth and comfortable travel experience. Powered by clean solar energy, it reduces reliance on costly and polluting fossil fuels, helping operators lower running costs and environmental impact.

With its quiet and smooth operation, Supernova offers a peaceful and relaxing journey for passengers. Its fully **air-conditioned cabins** provide a cool and comfortable environment, making every trip enjoyable, even during hot weather.



# Apollo

A Divine Experience

Introducing **Apollo**, a refined **sea-going solar-electric ferry** that combines comfort, safety, and sustainable mobility. With its elegant design, spacious passenger accommodation, and smooth, quiet operation, Apollo delivers a premium experience for everyday travel and leisure journeys. Its clean solar-electric propulsion provides efficient, eco-friendly transportation without compromising passenger comfort.



Boat Exterior Layout



## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 100 P      |
| Dimension        | 26.7 x 7 m       |
| Motor            | Up to 2 x 500 kW |
| Battery          | Up to 1000 kWh   |
| Solar            | 25 kW            |
| Speed (Electric) | Up to 15 Knots   |
| Speed (Hybrid)   | Up to 25 Knots   |

## Specifications



### Propulsion

Electric motor or engine as per operational needs



### Advanced Steering

ORCA - electric steering system



### Battery

LFP/LTO

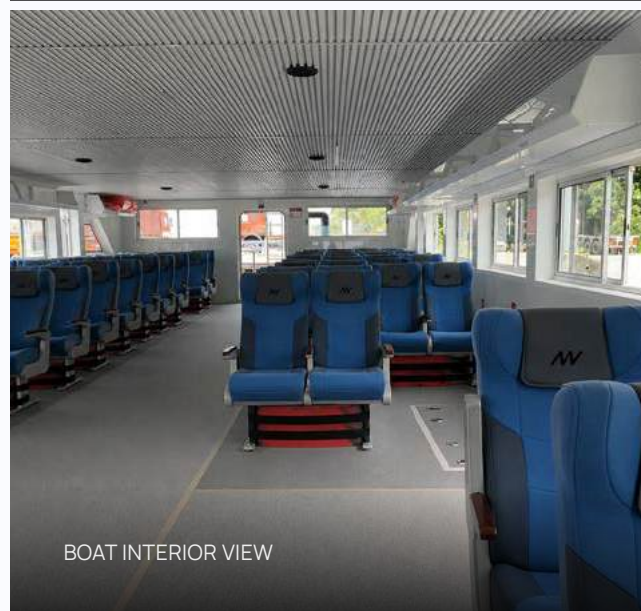


### Boat Design

IACS class approved

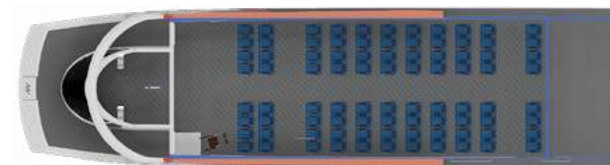


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Apollo

Apollo delivers a premium **sea-going passenger experience**, combining luxurious interiors with modern comfort and silent electric operation. Its fully air-conditioned cabins, plush seating, and dedicated toilets provide a refined and comfortable journey, while its robust design enables reliable operation in Sea State 6.

Designed for smooth and quiet cruising, Apollo offers a comfortable, safe, and environmentally friendly way to travel across open waters.



# Aditya

Forged By The Sun

Introducing **Aditya**, India’s pioneering solar-electric ferry that transformed the way we think about sustainable water transportation. Harnessing the power of the sun, Aditya delivers a quiet, clean and efficient journey with zero direct emissions and significantly reduced operating costs. Combining proven electric propulsion with a timeless, functional design, Aditya stands as a landmark in the evolution of sustainable maritime mobility.



Boat Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 75 P       |
| Dimension        | 20 x 7 m         |
| Motor            | Up to 2 x 150 kW |
| Battery          | Up to 500 kWh    |
| Solar            | 20 kW            |
| Speed (Electric) | Up to 12 Knots   |



## Specifications



**Propulsion**  
Pod/Inboard depends on speed



**Advanced Steering**  
ORCA - electric steering system



**Battery**  
LFP/LTO



**Boat Design**  
IACS class approved

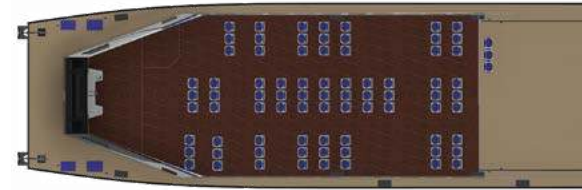


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Aditya

Aditya combines solar-electric propulsion with efficient, reliable performance, offering a cleaner and quieter alternative for inland waterway transportation. Its electric propulsion reduces fuel consumption, emissions, noise and vibration, while lowering long-term operating costs.

As India's pioneering solar-electric ferry, Aditya has demonstrated the practicality of sustainable marine transportation through reliable day-to-day passenger operations.



# Sirius

A Greener Wave Of Exploration

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



Boat Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 50 P       |
| Dimension        | 16 x 5.5 m       |
| Motor            | Up to 2 x 150 kW |
| Battery          | Up to 500 kWh    |
| Solar            | 10 kW            |
| Speed (Electric) | Up to 12 Knots   |



## Specifications



### Propulsion

Pod/Inboard depends on speed



### Advanced Steering

ORCA - electric steering system



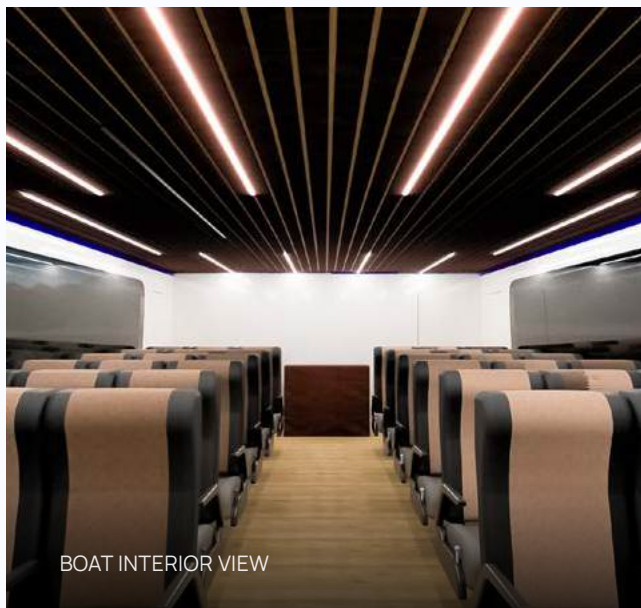
### Battery

LFP/LTO

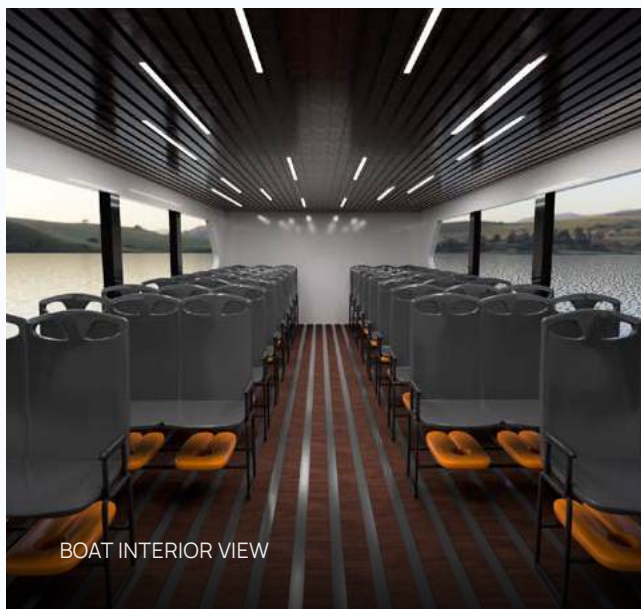


### Boat Design

IACS class approved

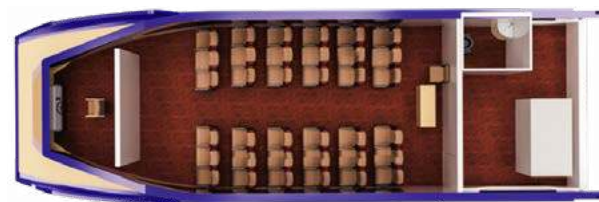


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Sirius

Sirius is designed for comfortable and efficient passenger transportation, combining a spacious interior with a smooth and quiet electric ride. Its modern electric propulsion delivers a refined on-water experience with minimal noise and vibration.

Built for versatility, Sirius can be configured for leisure, tourism or professional operations, offering a practical balance of comfort, performance and low operating costs.

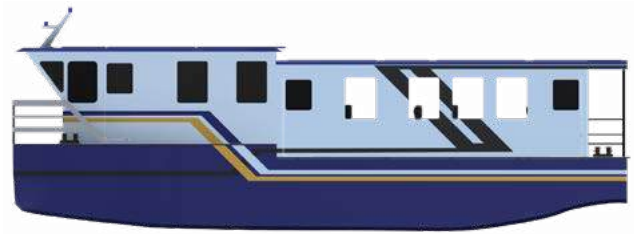


# Dhruva

Guiding A Cleaner Course

Dhruva is a compact solar-electric ferry designed for efficient and sustainable passenger transportation. Its clean electric propulsion delivers a smooth, quiet and comfortable journey, while solar energy helps reduce fuel consumption, emissions and operating costs.

Built for dependable everyday operations, Dhruva offers a practical and eco-friendly solution for inland waterways.



Boat Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 30 P       |
| Dimension        | 14 x 4.5 m       |
| Motor            | Up to 2 x 150 kW |
| Battery          | Up to 500 kWh    |
| Solar            | 10 kW            |
| Speed (Electric) | Up to 12 Knots   |



## Specifications



### Propulsion

Pod/Inboard depends on speed



### Advanced Steering

ORCA - electric steering system



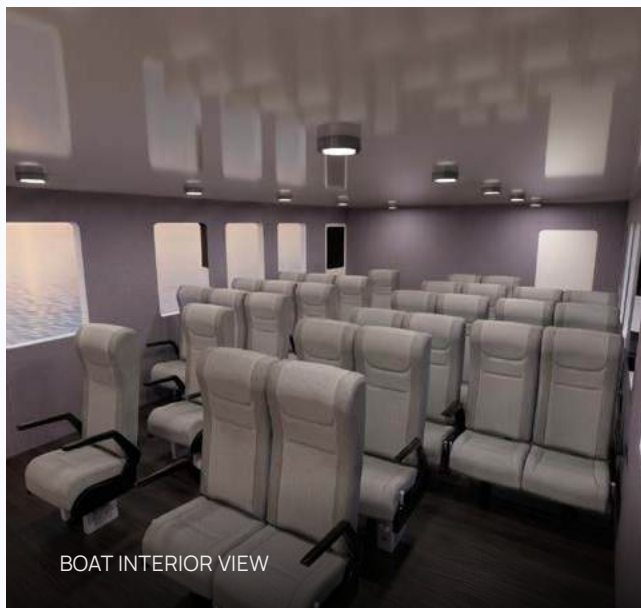
### Battery

LFP/LTO



### Boat Design

IACS class approved



BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Dhruva

Dhruva offers a clean, quiet and comfortable way to travel on inland waterways. Its solar-electric propulsion reduces fuel consumption, emissions, noise and vibration, delivering a more pleasant passenger experience while lowering operating costs.

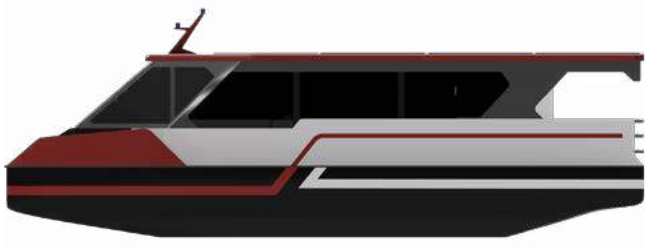
Designed for dependable everyday operations, Dhruva combines practical passenger accommodation with efficient electric mobility, making it an ideal solution for sustainable ferry services and cleaner waterways.



# Marlin

Your Aquatic Odyssey

Introducing the Marlin, an innovative solar electric boat designed for the future of water transportation. With a spacious 10-passenger capacity, it offers two variants to suit your needs: the Family Leisure edition and the Passenger edition. Embrace a sustainable and thrilling marine experience with the Marlin, where luxury meets green innovation.



Boat Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 10 P       |
| Dimension        | 12 x 4.5 m       |
| Motor            | Up to 2 x 150 kW |
| Battery          | Up to 400 kWh    |
| Speed (Electric) | Up to 15 Knots   |



## Specifications



**Propulsion**  
Pod/Inboard  
depends on speed



**Advanced Steering**  
ORCA - electric  
steering system



**Battery**  
LFP/LTO



**Boat Design**  
IACS class approved



BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Marlin

Marlin offers a truly personalized experience. Starting with six vibrant colour options, you can select the perfect hue that resonates with your personality, making a bold and eye-catching statement on the water. Enhance your onboard comfort with a range of interior accessories, including a TV, sofa, and premium music system. You can also customize the flooring and roof colour to match your style.

Beyond the aesthetics, Marlin embodies environmental consciousness, making it an ideal choice for eco-conscious individuals. The integration of solar-powered technology ensures a clean and green operation, with zero emissions.





# 03

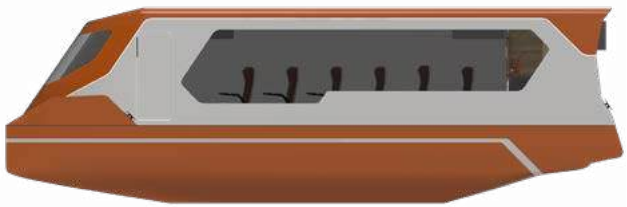
Luxury, Tourism  
& Leisure Cruising





*Limo*  
The Luxury Everyone can Afford

Sleek as a limousine, it's an all-electric marvel that rules the water, ready for action. This is an all-electric vessel and cruises through the water like he owns it. At 12 m in length, the Limo moves gently across the water, carrying up to 24 passengers. Don't dream it, drive it!



Boat Exterior Layout

Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 24 P       |
| Dimension        | 12 x 3.6 m       |
| Motor            | Up to 2 x 100 kW |
| Battery          | Up to 300 kWh    |
| Speed (Electric) | Up to 15 Knots   |

Specifications



**Propulsion**  
Pod/Inboard  
depends on speed



**Advanced Steering**  
ORCA - electric  
steering system



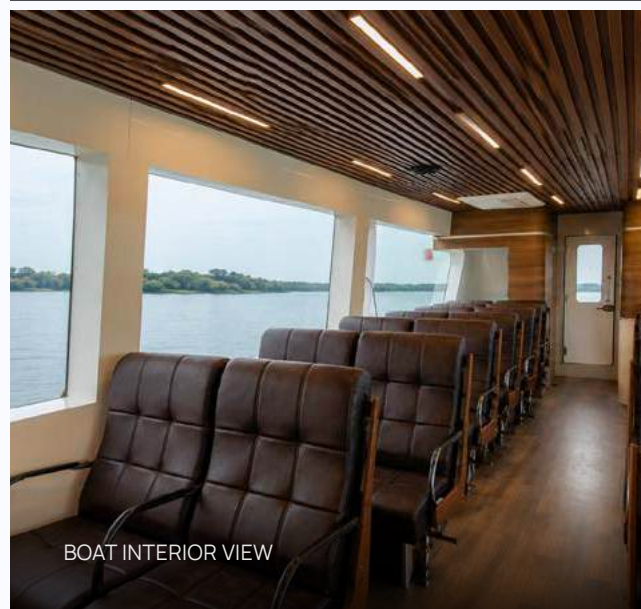
**Battery**  
LFP/LTO



**Boat Design**  
IACS class approved

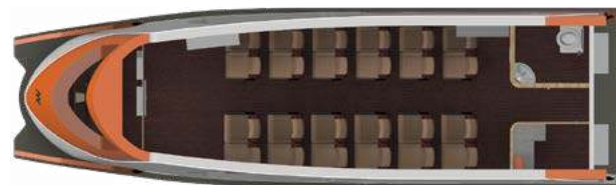


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Limo

The Limo is not only a sight to behold but also features an eco-friendly electric propulsion system, providing a silent, smooth, and vibration-free journey. Perfect for tourism and special occasions, it offers a unique and unforgettable experience for every passenger.

The Limo can be customized for leisure or professional use, with options designed to meet different operational needs. Its robust design enables reliable operation in significant wave heights of up to 2 metres, making it suitable for a wide range of water conditions.

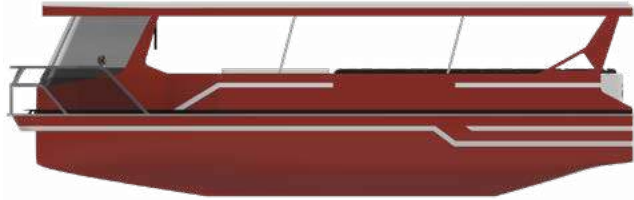




# Marsel

Leisure is a Ride Away

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 Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 30 P       |
| Dimension        | 10 x 3.5 m       |
| Motor            | Up to 2 x 100 kW |
| Battery          | Up to 300 kWh    |
| Speed (Electric) | Up to 15 Knots   |

## Specifications



**Propulsion**  
Pod/Inboard  
depends on speed



**Battery**  
LFP/LTO



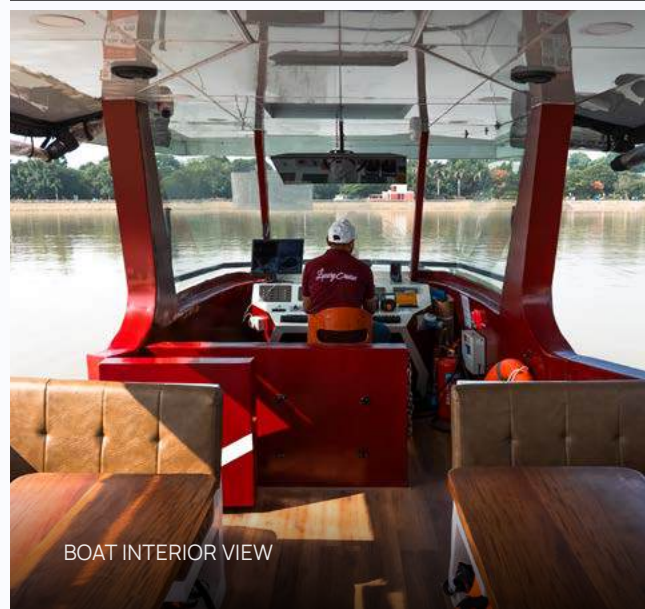
**Advanced Steering**  
ORCA - electric  
steering system



**Boat Design**  
IACS class approved

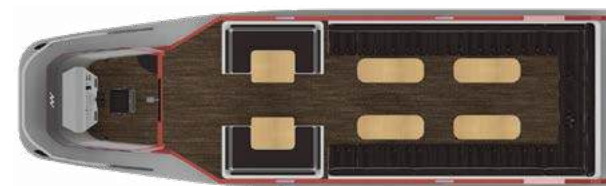


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Marsel

Marsel is designed for smooth, quiet, and efficient performance, offering a comfortable experience on the water. Its electric propulsion provides a peaceful and eco-friendly journey, making it ideal for a wide range of applications.

Marsel can be customized for leisure or professional use, with configurations tailored to different operational needs. Its robust design enables reliable operation in significant wave heights of up to 1.5 metres, making it a versatile and dependable vessel.

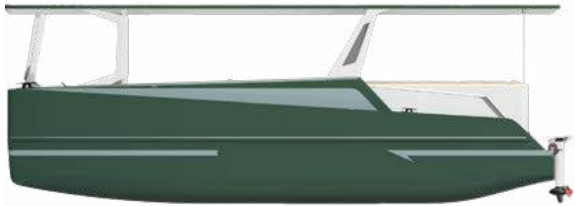




# Avalon

Let The Good Times Float

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 Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 15 P       |
| Dimension        | 9 x 3.3 m        |
| Motor            | Up to 2 x 100 kW |
| Battery          | Up to 200 kWh    |
| Speed (Electric) | Up to 15 Knots   |

## Specifications



**Motor**  
Pod/Inboard depends on speed



**Battery**  
DNV approved



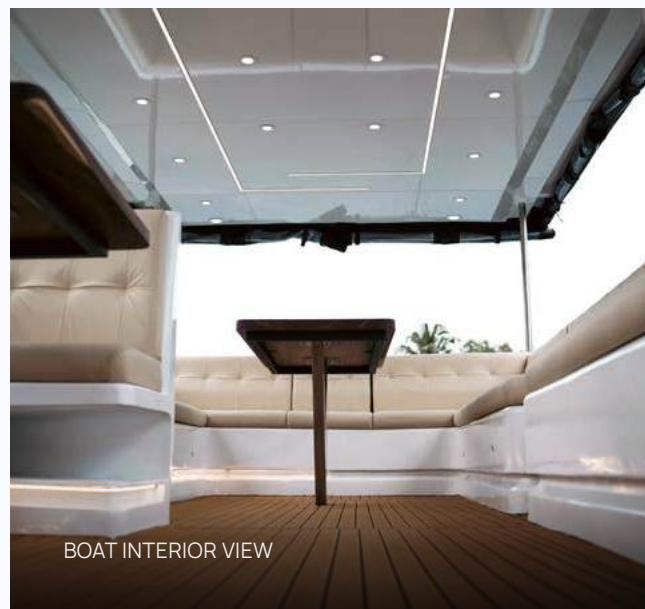
**Steering System**  
ORCA electric steering system



**Full Boat Design**  
IACS class approved



BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Avalon

Avalon offers a range of customization options to suit your preferences, including personalized seating, lighting, flooring, and advanced entertainment systems. Every detail can be tailored to create a unique and comfortable experience.

Avalon can be customized for leisure or professional use, with configurations designed to meet different operational needs. Its robust design enables reliable operation in significant wave heights of up to 1.5 metres, ensuring a safe and dependable experience on the water.





# Destiny

Destined to Perform

Destiny redefines sustainable tourism with silent, emission-free travel. Its spacious cabin, panoramic views, and smooth handling ensure an unforgettable journey.



Boat Exterior Layout

## Technical Information

|                  |                 |
|------------------|-----------------|
| Passenger        | Up to 20 P      |
| Dimension        | 10 x 3.5 m      |
| Motor            | Up to 2 x 50 kW |
| Battery          | Up to 150 kWh   |
| Speed (Electric) | Up to 12 Knots  |

## Specifications



**Motor**  
Pod/Inboard  
depends on speed



**Steering System**  
ORCA- electric  
steering system



**Battery**  
DNV approved



**Full Boat Design**  
IACS class approved

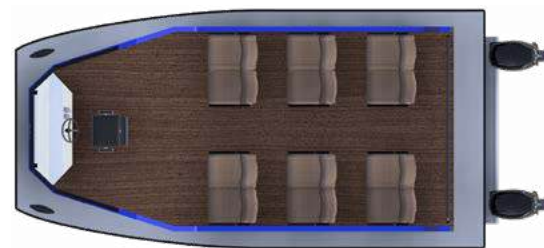


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Destiny

Destiny offers a range of customization options to suit your preferences, including personalized seating, lighting, flooring, and advanced entertainment systems, ensuring every detail reflects your unique vision.

Destiny can be customized for leisure or professional use, with configurations tailored to different operational needs. Its robust design enables reliable operation in significant wave heights of up to 1.5 metres, ensuring a safe, comfortable, and dependable experience on the water.





shesha

Rooted To Legacy

A perfect blend of speed, luxury, and sustainability. With its sleek design and spacious, elegant interiors, this eco-friendly personal watercraft transforms every ride into a memorable journey. Ideal for family adventures or leisurely escapes with friends, Shesha redefines modern boating in style.



Boat Exterior Layout

Technical Information

|                  |                |
|------------------|----------------|
| Passenger        | Up to 8 P      |
| Dimension        | 7.5 x 2.6 m    |
| Motor            | Up to 150 kW   |
| Battery          | Up to 150 kWh  |
| Speed (Electric) | Up to 15 Knots |

Specifications



**Motor**  
Pod/Inboard depends on speed



**Steering System**  
ORCA- electric steering system



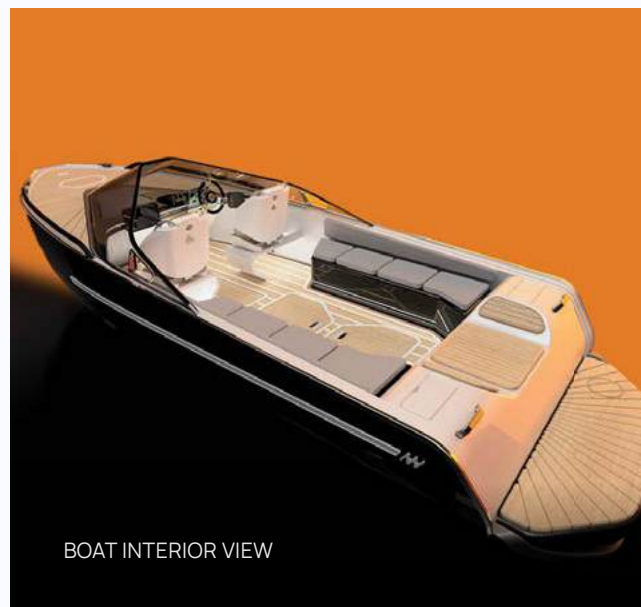
**Battery**  
DNV approved



**Full Boat Design**  
IACS class approved

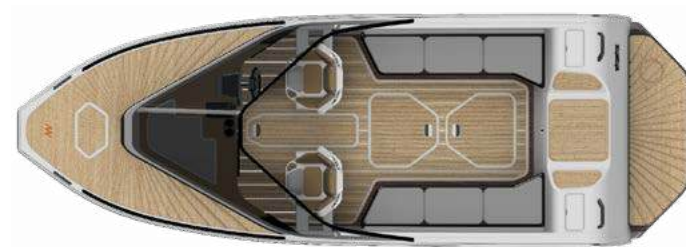


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Shesha

Shesha combines high-speed performance with eco-friendly innovation, making it an ideal choice for those who value luxury and sustainability. With rapid acceleration and zero-emission operation, it delivers an exhilarating experience while offering extended cruising capability on a single charge.

Its sleek, agile design ensures smooth handling, while silent, vibration-free operation enhances comfort and serenity on every journey. Designed for reliable operation in significant wave heights of up to 1.5 metres, Shesha offers a confident and enjoyable experience on the water.





# Estirar

Navigate In Unparalleled Style

Introducing the **Estirar**, a revolutionary monohull designed to redefine the world of cruising. This vessel combines innovative technology with a sleek, eco-friendly design to provide an exceptional experience for up to 10 passengers. The Estirar is not just a boat; it's a statement of luxury and sustainability.



Boat Exterior Layout

## Technical Information

|                  |                |
|------------------|----------------|
| Passenger        | Up to 10 P     |
| Dimension        | 7.6 x 2.2 m    |
| Motor            | Up to 50 kW    |
| Battery          | Up to 100 kWh  |
| Speed (Electric) | Up to 12 Knots |

## Specifications



**Motor**  
Pod/Inboard  
depends on speed



**Steering System**  
ORCA- electric  
steering system



**Battery**  
DNV approved



**Full Boat Design**  
IACS class approved

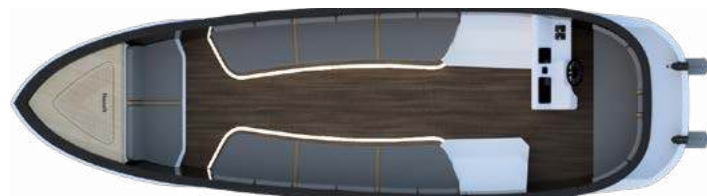


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Estirar

Estirar glides smoothly through the water, providing a comfortable and relaxing journey for passengers. The vessel incorporates advanced green technologies to reduce its environmental footprint and support sustainable water transportation.

Estirar can be customized for leisure or professional use, with configurations tailored to different operational requirements. Its robust design enables reliable operation in significant wave heights of up to 1.5 metres, ensuring a safe, comfortable, and dependable experience on the water.





# 04

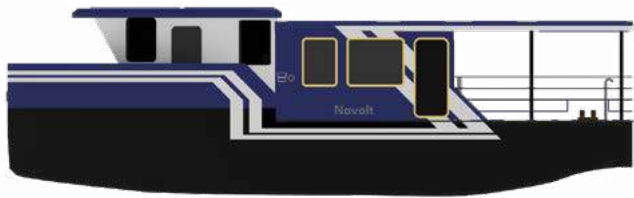
Defence, Security  
& Workboats



# Barracuda

Predator Of The Seas

Introducing the Barracuda, an advanced defence workboat designed for high-speed operations. Its innovative solar-electric powered system ensures sustainable operation, reducing emissions and reliance on fossil fuels. With a focus on environmental responsibility, it highlights a conscious approach to patrolling and passenger transportation. Experience efficiency and sustainability like never before.



Boat Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 20 P       |
| Dimension        | 14 x 4.4 m       |
| Motor            | Up to 2 x 150 kW |
| Battery          | Up to 300 kWh    |
| Speed (Electric) | Up to 15 Knots   |
| Speed (Hybrid)   | Up to 25 Knots   |



## Specifications



**Motor**  
Pod/Inboard  
depends on speed



**Steering System**  
ORCA- electric  
steering system



**Battery**  
DNV approved



**Full Boat Design**  
IACS class approved

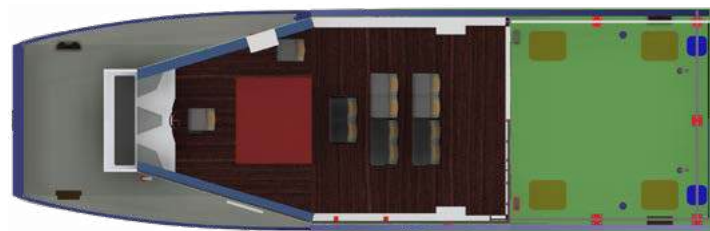


BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Barracuda

The Barracuda is our latest defence workboat, designed to combine power, efficiency, and environmental responsibility. Its solar-electric propulsion enables quiet, emission-free operation while reducing operating costs, making it a practical and sustainable solution for demanding missions.

Built for reliable performance, Barracuda supports the efficient transportation of personnel, materials, and equipment while reducing time and operational expenses. Its robust design enables operation in significant wave heights of up to 2 metres, ensuring a dependable and capable platform for defence and utility applications.



# Drona

Charged For Excellence

Introducing the Drona, a futuristic 30-passenger all-electric workboat created for effective and sustainable maritime transportation, featuring an elegant monohull design. Embracing solar power, it's an eco-friendly marvel paving the way for energy efficient maritime operations. Experience the simplicity and creativity combined in this exceptional vessel.



Boat Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 30 P       |
| Dimension        | 11 x 3.3 m       |
| Motor            | Up to 2 x 150 kW |
| Battery          | Up to 300 kWh    |
| Speed (Electric) | Up to 15 Knots   |



## Specifications



**Motor**  
Pod/Inboard depends on speed



**Steering System**  
ORCA- electric steering system



**Battery**  
DNV approved



**Full Boat Design**  
IACS class approved



BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Drona

This revolutionary sea-going defence boat sets a new standard for maritime performance, combining stability, comfort, and environmentally responsible operation. Its single-hull design provides excellent stability, while the quiet electric propulsion system enables discreet operation with reduced noise and minimal disturbance to marine life.

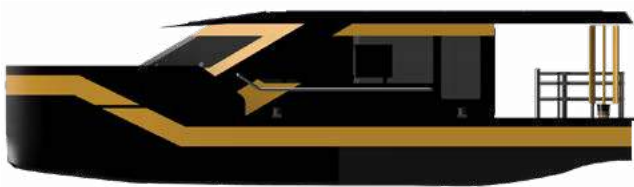
Designed for demanding missions, the vessel offers a comfortable and spacious environment for personnel while delivering reliable performance in Sea State 6, with significant wave heights of up to 4 metres.



# Bumblebee

Sting Like A Bee

Introducing the “**Bumble Bee.**” This vessel is at the forefront of defence and security, equipped with innovative features for patrolling and workboat purposes. Utilizing the power of solar, wind and electric technologies, the Bumble Bee operates with zero emissions, ensuring a sustainable and environmentally friendly solution, making it a top choice for defence and security missions.



Boat Exterior Layout

## Technical Information

|                  |                  |
|------------------|------------------|
| Passenger        | Up to 12 P       |
| Dimension        | 16 x 5.2 m       |
| Motor            | Up to 2 x 500 kW |
| Battery          | Up to 500 kWh    |
| Speed (Electric) | Up to 15 Knots   |
| Speed (Hybrid)   | Up to 25 Knots   |



## Specifications



**Motor**  
Pod/Inboard  
depends on speed



**Steering System**  
ORCA- electric  
steering system



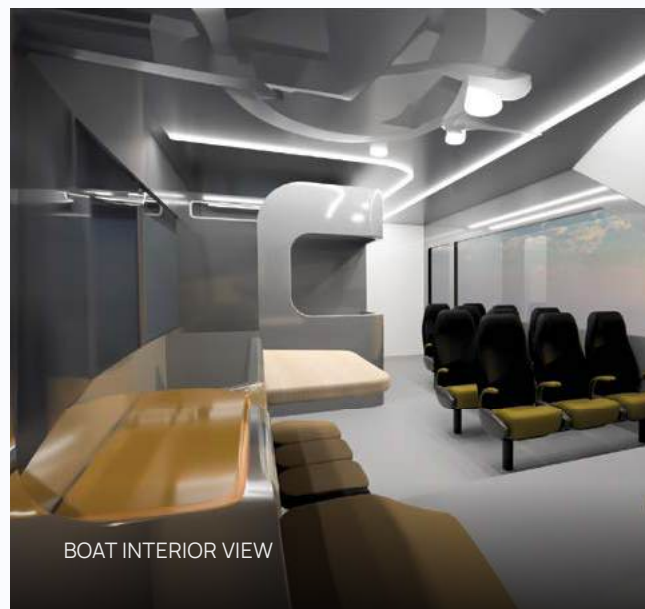
**Battery**  
DNV approved



**Full Boat Design**  
IACS class approved



BOAT INTERIOR VIEW



BOAT INTERIOR VIEW

## Interior Layout



Boat Interior Layout

## Benefits of Bumblebee

Bumble Bee combines high-speed performance, efficiency, and eco-friendly technology for demanding defence and workboat missions. Its low-maintenance electric propulsion helps reduce operational costs, fuel consumption, and environmental impact, while providing quiet and reliable performance.

Designed as a sea-going vessel, Bumble Bee delivers rapid response and dependable operation in challenging conditions, including Sea State 6, with significant wave heights of up to 4 metres. It is a reliable and efficient solution for defence, emergency response, and workboat operations.



# USV 1190

Persistent ISR & Multi  
Mission Operations  
Platform

Persistent ISR & Multi-Mission Operations Platform Next-Generation  
Unmanned Surface Vessel for Defence & Security



## Key Capabilities

- Rapid Response: > 40 knots
- Endurance & Range: Endurance-optimized configuration: range/fuel capacity adaptable to payload and mission duration
- Sensor Fused Precision Navigation Technology (NAUTONOMY Owl Pilot)
- Multi-Domain Command & Control (NAUTONOMY C2)
- Enhanced Awareness, Collision Avoidance
- Seamless network redundancy through Secure, Multi-Channel Communications (MANET / SATCOM)
- Swarm operations: coordination with other UxVs under federated C2 orchestration
- Endurance up to 120 hours / ~1440 NM
- Mission-adaptive range & fuel configuration

## Platform

- Hydrodynamic high stability monohull
- Design intent: Reduced drag and strong seakeeping in adverse conditions
- Propulsion & Maneuverability: Dual waterjet configuration
- On request, the vessel can be retrofitted with propellers or surface propellers





BOAT EXTERIOR VIEW



BOAT EXTERIOR VIEW

## Intended Operating Environment

Designed for contested littoral and open-sea deployments across:

- Defence & maritime security
- ISR / surveillance and situational awareness
- Search and Rescue
- Research and civil protection missions

## Modular Mission Payload

- Navigation Sensors: FOG INS, GNSS Receivers, Compass, DVL, Ultrasonic Water Speed Sensor, Ultrasonic Airspeed Sensor
- Underwater detection: sonar / underwater detection payloads
- Stabilized EO/IR • 360° awareness camera • Radar • LiDAR • AIS
- Real-time Video Streaming
- Electronic Warfare (EW) – Jamming & Spoofing
- RFHunter® EW – Direction Finding & Geolocation
- Unmanned Aerial Threat Neutralization – Spider-AI



# USV 540

Tactical USV for  
Interception, ISR, and  
Coordinated Operations

High-Speed Full-Spectrum Interceptor Next-Generation Unmanned  
Surface Vessel for Defence & Security



## Key Capabilities

- Rapid Response: > 60 knots
- Interception-Class Performance (Soft Kill & Hard Kill)
- Precision Navigation Technology (NAUTONOMY Owl Pilot)
- Multi-Domain Command & Control (NAUTONOMY C2)
- Secure, Multi-Channel Communications (MANET/SATCOM)
- Swarm & Multi-Vessel Operations
- Endurance up to 30 hours / ~1050 NM
- Mission-adaptive range & fuel configuration

## Platform

- High-speed monohull design for stability & agility
- Low-signature composite structure
- Low-maintenance, deployment-ready architecture
- Propulsion: Configurable with an outboard engine or an inboard waterjet system.





BOAT EXTERIOR VIEW



BOAT EXTERIOR VIEW

## Operational Applications

- Defence & maritime security
- ISR & Situational Awareness
- Fast Interception & Response
- Littoral & Near-Shore Operations

## Modular Mission Payload

- EO/IR • Radar • LiDAR • AIS
- Real-time Video Streaming
- Mission-Specific Effectors (configurable)
- Electronic Warfare (EW) – Jamming & Spoofing
- RFHunter® EW – Direction Finding & Geolocation
- Unmanned Aerial Threat Neutralization Spider-AI





05

Fishing Boat

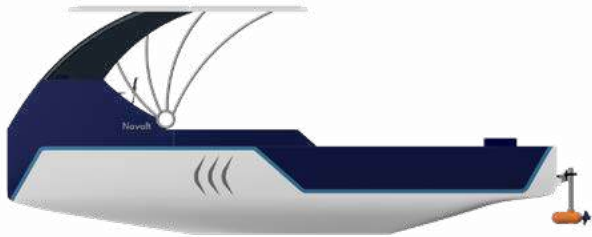




# Srav

Built Like A Shark

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 environment-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.



Boat Exterior Layout

## Technical Information

|                  |                 |
|------------------|-----------------|
| Passenger        | Up to 5 P       |
| Storage          | Up to 2 tonnes  |
| Dimension        | 10 x 3.6 m      |
| Motor            | Up to 2 x 20 kW |
| Battery          | Up to 80 kWh    |
| Speed (Electric) | Up to 10 Knots  |
| Speed (Hybrid)   | Up to 15 Knots  |

## Specifications



**Motor**  
Pod/Inboard depends on speed



**Battery**  
DNV approved



**Steering System**  
ORCA- electric steering system



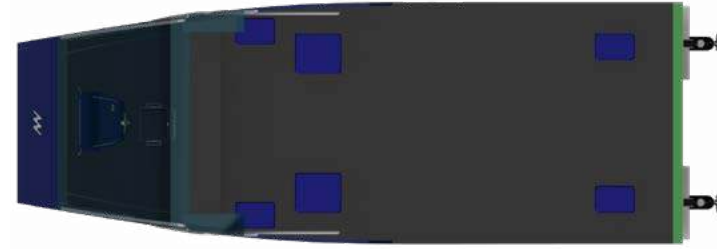
**Full Boat Design**  
IACS class approved



BOAT INTERIOR VIEW



BOAT INTERIOR VIEW



Boat Interior Layout

## Benefits of Srav

SRV 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, SRV is also a great choice for ecotourism and research, with its low-impact operation and silent and clean propulsion system.





# Cleaner & Quieter Oceans.

## CONTACT

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