



MODX 70
Ocean Développement

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MODX 70 Ocean Developpement

Sustainable Sailing, Reimagined

MODX 70 is a 21.33 m sailing catamaran created by Couach around a 100% renewable-energy concept, combining wind propulsion, electric propulsion, hydrogenation and solar power. Her avant-garde design is supported by VPLP Design for naval architecture and structural calculations, while biosourced and recycled materials contribute to an environmentally focused construction approach with refined contemporary character.

Inside, MODX 70 offers more than 185 m² of living space, with a 54 m² saloon delivering 360-degree panoramic views, a private lounge, dining for 10, a top-of-range galley, bar, refrigerated wine cellar and built-in home cinema. The optional 20 m² owner's suite and flexible guest accommodation are complemented by environmentally friendly air conditioning, extensive lighting and carefully specified onboard fittings.

Exterior living centres on a 45 m² shaded deck area and a 35 m² foredeck, supported by shade sails, twin swim ladders, tender handling equipment and comprehensive deck hardware. Two automated 100 m² Aeroforce inflatable wings, a 70 m² solar array, 250 kWh battery pack, variable-pitch propellers, bow thruster and integrated navigation systems create an advanced sailing platform designed for distinctive performance and autonomy.





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MODX 70

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Specifications

Length: 23.33m (76.5')

Beam: 10m (32.8')

Draft: 2m (6.6')

Flag: TBD

Location: France

Year Built: 2028

Builder: Ocean Developpement

Accommodations: 8 guests in 4 cabins

Crew: Up to 3

Price: €8.000.000

Ex VAT

General Information

Type: Sail

Construction: Bio-sourced and recycled composite materials; glass / carbon / linen / PET & PVC / epoxy resin

Interior Designer: Ocean Development / Couach

Exterior Designer: VPLP Design

Fuel Capacity: -

Water Capacity: 1.200L / 317 US Gal

Gross Tonnage: 30 GT

Engines: 2, , Electric Motors, 27 Hp, Electric

Cruising Speed: -

Max Speed: 18 knots

Range: 110 nm @ knots

Classification: CE

Description

Accommodation Overview:

Accommodation for 8 guests in 4 staterooms. 3 crew.

Owner

The optional owner's suite provides a private 20 m² retreat centred on a 160cm x 200cm bed, with a bathroom, separate toilet, and a generous TV lounge or private office. That additional room can also serve as a cabin for two people, adding flexibility while environmentally friendly air conditioning supports comfort with optimised energy consumption throughout the accommodation area.

Guests

The guest area is arranged as two cabins for four people, with an aft cabin offering a 160cm x 200cm double bed and a central cabin configurable with two 80cm x 200cm single beds or a double bed. Guests also benefit from a bathroom with full ocean views, a separate toilet and environmentally friendly air conditioning on board.

Crew

Capacity for 2-3 crew members complements accommodation, supporting the MODX 70's flexible onboard arrangement and the relaxed, carefully considered living experience created throughout this innovative sailing catamaran.



Machinery Details

Main Engines:

Electric Engines:
 Configuration: 2 × (2 × 20 kW) → four engines of 20 kW each.
 Equivalent power: 20 kW ≈ 27 HP → total output ≈ 108 HP.
 Propulsion is fully electric, ensuring zero CO₂ emissions.
 Propellers:
 Variable-pitch propellers optimised for efficiency.
 Provide instant hydrogeneration, generating between 3 and 10 kWp, depending on cruising speed.
 Wing Area: 2 × 125 m² Aeroforce wings

Other Machinery:

Bow thruster: 1x Sleipner ERV210/250TC 48V
 Steering system: 1x JEFA
 Steering wheel: 1x Nautex, 800 mm diameter
 Air conditioning: 2x Frigomar 10,000 BTU/h monoblock systems
 Technical room ventilation: 2x SPAL 019-BBL377P/R/N-95
 Cabin ventilation: 2x Goiot
 Water makers: 2x SLCE Aquabase ESW-902
 Water heaters: 2x Quick Nautic Boiler B3 80 L
 Rain water collector: Custom filtration system
 Water pressure systems: 2x Gianneschi Idro Ecolnox 20 L - 24V
 Toilets: 4x Planus Stilo Standard
 Bilge pumps: 8x Rule 1100 Auto, 70 L/min
 Water collector: 2x 400 L capacity

VIDEO

Generators

Battery bank: 250 kWh, 48V; 32x MG LFP 304 Ah

Shore charging: 6x Victron Multiplus-II 48/5000/70-50

Solar panels: 70 m² Activesol; 15 kWp

Hydrogeneration control: 2x MADController

Hydrogeneration output: 3 to 10 kWp depending on speed; up to 60% energy mix

MPPT controllers: 21x Victron SmartSolar 150/70

Inverters: 2x Victron Multiplus-II 48/10000/140-100

48V-24V converters: 6x Victron Orion Tr 48/24-16

24V-12V converters: 4x Victron Orion Tr 24/12

Energy management: 4x Victron Cerbo GX

Energy management displays: 4x Victron GX Touch

AC management: 2x CZone AC Output Interface

DC I/O management: 2x CZone Combination Output Interface

DC output management: 4x CZone Output Interface

DC input management: 2x CZone Signal Interface.

Communication & Navigation

Communication Equipment

VHF: 1x B&G V60 with antenna and H60 wireless handset

Onboard telecommunications: 1x Thales Oceanbox

Satellite communications: 1x Starlink maritime modem and antenna

4G/5G communications: 1x Teltonika RUTX50 modem.

Navigation Equipment

Navigation computers: 2x Bora 4 Premium Intel i5

Engine control: 1x Emerson OS III R417003816

AC/DC control display: 1x CZone 10" display

Helm displays: 3x B&G Zeus S 7"; 3x B&G Zeus S 12"

Navigation and energy manager: 2x MAD Brain Box

Wind sensors: 2x B&G WS310 with MAD Mast

3D motion sensor: 1x MAD Motion Box

Autopilot drives: 2x Raymarine Type 2 Long Stroke Linear Drive 24V

Autopilot HW control: 2x MAD Controller - Madintec

Autopilot software and Safe Mode: 1x Madintec

Autopilot interface: 1x MAD Interface

Autopilot remotes: 2x MAD wireless Receiver/Emitter

Analog acquisition module: 1x MAD Digital Interface

Autopilot compass: 1x B&G Precision 9

GPS: 1x B&G ZG100

Radar: 1x B&G HALO20+

Navigation lights: 5x Mantagua NaviPro

Cameras: 6x B&G IP CAM-1

Barometer: 1x B&G barometric pressure sensor

Depth, speed and water temperature: 2x Airmar DST810 Multisensor

AIS transponder: 1x B&G NAIS-500 Class B with GPS-500 antenna.

Security, Fire Fighting & Safety

Life rafts: 2x Plastimo Transocean 9650-1, 6-person

Safety equipment package: 1x Plastimo offshore equipment

Technical room fire protection: 2x Firepro System / lithium blanket

Habitation extinguishers: 10x ABC 2 kg with detector

Smoke and heat detectors: 4x Orbis Marine

Deck Equipment

Outdoor deck: 45 m² shaded area with flexible aft sundeck and lounge areas

Foredeck: 35 m² with sun loungers and water-sports storage

Foredeck access: 2x glass doors

Composite platform: Glass / carbon / linen / PET & PVC / epoxy resin

Keels and rudders: 2x glass / carbon

Primary anchor: 1x Ultra Marine Inox 60 kg; 60 m x 14 mm chain

Secondary anchor: 1x Rocna Galva 33 kg; 30 m x 14 mm chain

Windlass: 1x Quick Regal RG5 3000 W 48V

Tender crane: 1x Atlas Davit 3000

Swim ladders: 2x Osculati Top Line Inox 316, 4 steps Gateway: 1x Nautex

Cleats: 8x Nomen Alu 400

Mooring ropes: 2x 20 m + 2x 15 m, 30 mm polyamide Safety-line padeyes: 6x Seasmart SL20x

Padeyes: 14x Wichard Inox 316, 8 mm

Fenders: 6x Plastimo, 90 cm x 30 cm

Stanchions and lifelines: 10x Goyot Sport'Al + custom

Shade sails: 4x Seasmart systems + custom sails

Interior deck flooring: Esthec synthetic decking

Exterior deck flooring: Esthec synthetic decking

Adjustable outdoor table: Custom MODX, retractable 24V

Outdoor sofa and bean bags: Vincent Sheppard / Maison de Vacances

Outdoor pads and cushions: All Purpose custom / Maison de Vacances

Entertainment Equipment

Home cinema: Built-in

TV screen: 1x 65", 230V, 100 W

Owner's suite: Large TV lounge

Lighting system: 32x Quick Marine Lighting

Domestic Equipment

Fridge/freezer: 1x Bosch KIV86VS30, 191 L + 76 L

Fridge: 1x Electrolux LRB3AE88S, 142 L

Wine cellar: 1x Avintage AVU27TDZB1, 18 pcs

Cooking table: 1x Bora X Pure

Oven: 1x Brandt BOP7534B, 73 L

Dishwasher: 1x Smeg STL62324LFR1, 8.5 L

Washing machine and dryer: 1x Siemens

Kitchen worktop/bar: 1x Corian

Kitchen sink fitting: 1x Elka H2Pure 316563

Dining table and chairs: 1x Custom MODX.

Sails & Rigs

2x Aeroforce AF100 automated retractable inflatable wings, 100 m² each

Retractable mast, balestron and head: 2x glass / carbon

Inflatable airtight wings: 2x patented fabric

Wing sensors and machinery: 2x Aeroforce

Automation: 1x Aeroforce/Madintec

Wing system: Retractable on telescopic mast; automated wing control

Reefing: Automatic according to wind direction and strength.

Tenders & Toys

Highfield tender: 3.4 m; 6 persons;

Torqeedo 10 kW electric motor

Tender autonomy: 2 hours

Tender safety equipment: 1x Plastimo

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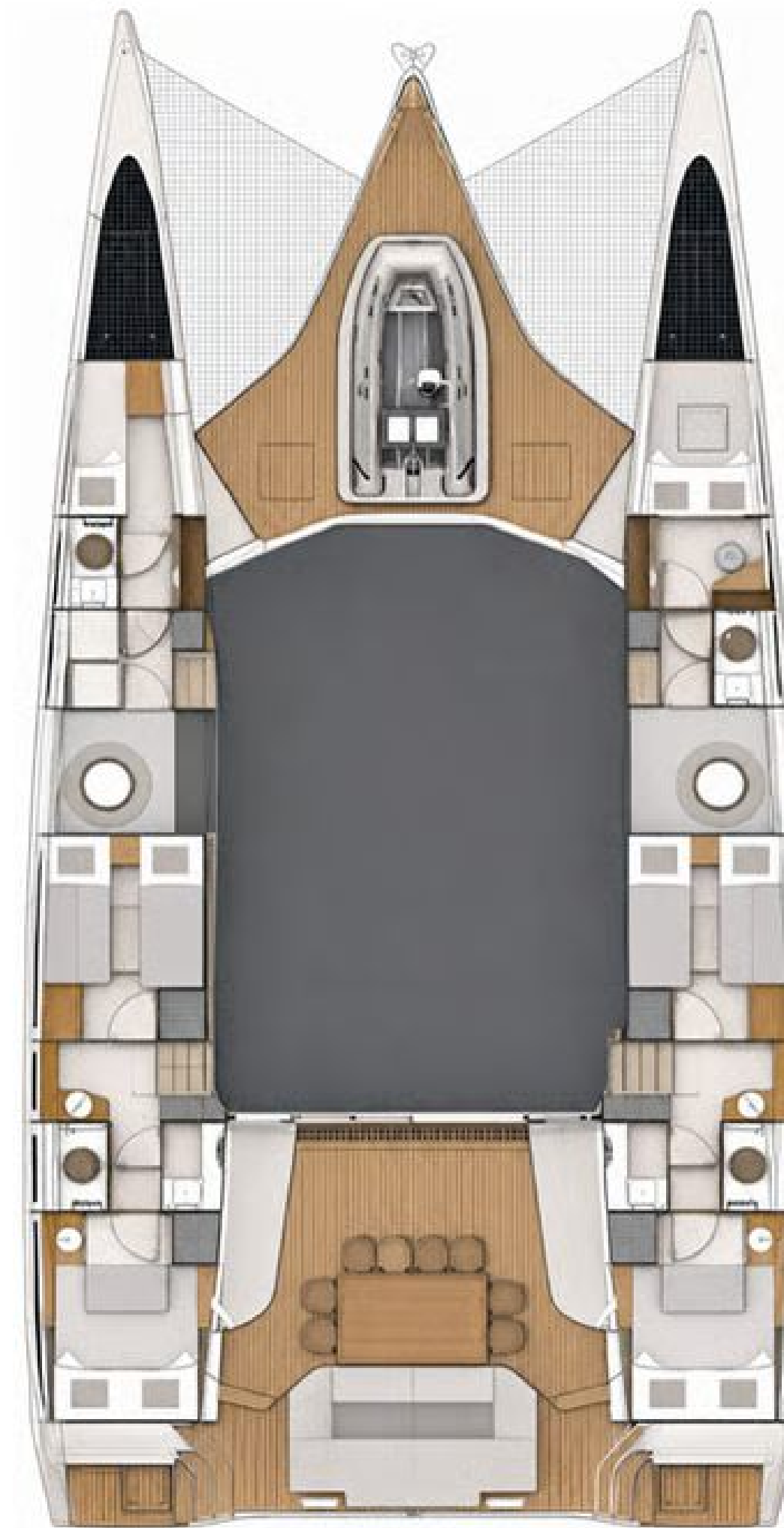
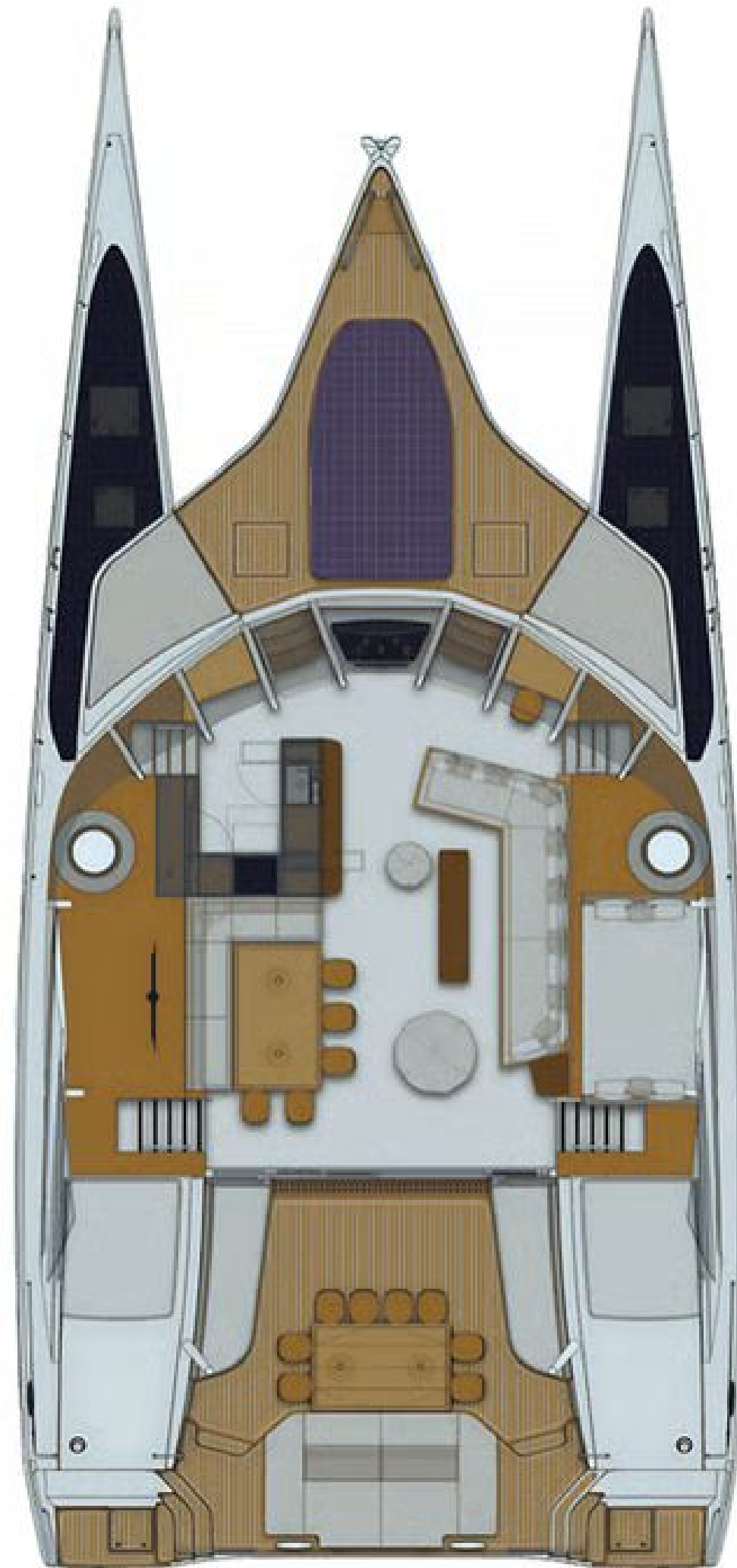


**Vessel
Details**

Guide Price: €8.000.000
Length: 23.33m (76.5')

Built in: 2028
Lying: France

Crew: Up to 3
Flag: TBD



Disclaimer: These particulars have been prepared by Barnes Yachting from information provided by the sellers and are intended as a general guide to the vessel Barnes Yachting cannot, however, be liable for any inaccuracy. It is up to the purchaser to confirm details of concern to him by survey, inspection and/or enquiry of the seller and to ensure that the purchase contract properly reflects his concern and specific details upon which he may rely. Barnes Yachting will always advise an independent survey.

INNOVATION FOR SUSTAINABLE YACHTING

Clean technology, renewable energy, and smart design for a more sustainable way to sail.

NET ZERO CARBON IMPACT

126 tonnes

of CO₂ avoided per year
the equivalent of 60 cars
traveling 15,000 km a year!



1. 100% ELECTRIC PROPULSION

Zero direct CO₂ emissions during operation.
Powered by a fully electric system designed for clean, quiet, and efficient navigation.



2. RENEWABLE ENERGY SYSTEM

Combines solar power, hydrogeneration, and wind assistance.
Maximizes onboard energy production and reduces dependence on external charging.



3. BIO-SOURCED & RESPONSIBLE MATERIALS

Use of bio-based and recycled materials to reduce environmental impact.
Lightweight, durable, and designed for long-term efficiency.



4. INFLATABLE WINGS

Retractable and automated wing system.
Improves aerodynamic efficiency and supports cleaner propulsion with intelligent control.



5. SOLAR POWER

Large solar surface integrated into the yacht.
Captures clean energy to supply onboard systems and support electric autonomy.



6. SMART & CONNECTED CONTROL

Intuitive dashboard with automated energy and propulsion management.
Advanced monitoring, connected diagnostics, and assisted navigation.



Designed to combine innovation, performance, and environmental responsibility.



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