

STELLARCAT AL2502 - STELLARPM



Builder: [STELLARPM](#)

LOA: 82' 0" (25.12 m)

Year Built: 2026

Beam: 38' 0" (11.61 m)

Model: StellarCAT AL2502

Max Draft: 15' 10" (4.83 m)

Price: - Subject to change.

Cruising Speed: 19 Knots (21.86 MPH)

[See full listing on our website](#)

Location: Fort Lauderdale, United States

Max Speed: 21 Knots (24.17 MPH)

TABLE OF CONTENTS

OVERVIEW	3
SPECIFICATIONS	4
Basic Information	4
Dimensions	4
Speed, Capacities and Weight	4
Hull and Deck Information	5
Engine Information	5
GALLERY	6
DETAILED DESCRIPTION	12
CONTACTS	16

OVERVIEW

The StellarCAT AL2502 is a vast luxury power catamaran, exceeding what her 25m overall length suggests by far. Boasting a beam broader than many 55m superyachts, her interiors and decks feel palatial, allowing for a grand salon, full-beam suites with dressing rooms, and an exceptionally expansive flybridge for entertaining aloft.

Engineered and proven for safety, stability, blue-water comfort, fuel efficiency, and seaworthiness, the AL2502 multihull turns heads in Florida, the Caribbean, and the Western Med, while enabling confident long-range cruising for extended periods across substantial distances.

SPECIFICATIONS

Basic Information

Model Year:
2026

Country:
United States

Year Built:
2026

Dimensions

LOA:
82' 0" (25.12 m)

Max Draft:
15' 10" (4.83 m)

Beam:
38' 0" (11.61 m)

Speed, Capacities and Weight

Cruise Speed:
19 Knots (21.86 MPH)

Water Capacity:
2298.3 Gallons

Max Speed:
21 Knots (24.17 MPH)

Fuel Capacity:
8099.52 Gallons

Gross Tonnage:
180 Pounds

Hull and Deck Information

Hull Material:
Aluminum Yachts

Hull Designer:
StellarPM

Deck Material:
Aluminum

Interior Designer:
Unzile Acar

Hull Configuration:
Catamaran

Engine Information

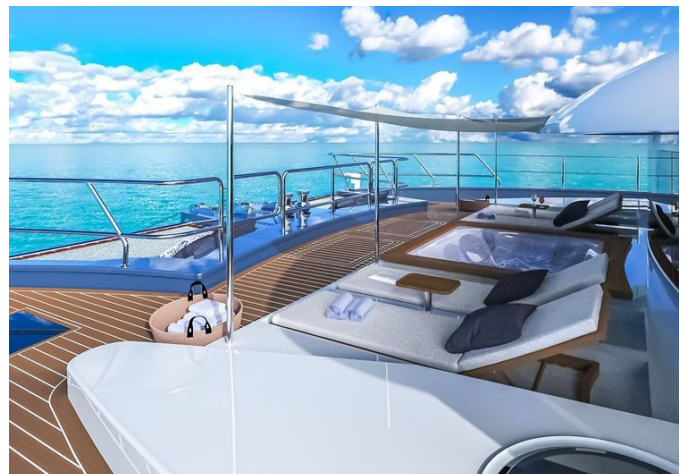
Engines:
2

Engine Type:
Inboard

Manufacturer:
Volvo Penta

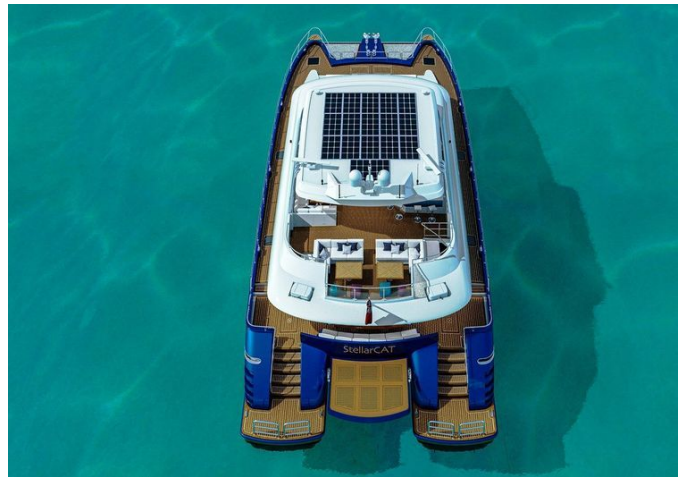
Fuel Type:
Diesel

GALLERY













DETAILED DESCRIPTION

Main characteristics

With an LOA of 25.12 m (82 ft 5"), a commanding beam of 11.61 m (38 ft 1"), and a draft of 1.48 m (4 ft 10"), this yacht balances presence and poise on the water. Long-range autonomy is assured by a fuel capacity of 30,660 lts (8,100 US gal), complemented by generous freshwater reserves of 8,700 lts (2,300 US gal). Practicality is further enhanced by blackwater capacity of 6,800 lts (1,800 US gal) and greywater capacity of 7,600 lts (2,000 US gal), while maintenance readiness is supported by 200 lts (52 US gal) of lubricating oil.

Performance

Whether specified with two IPS1050 or the commanding four IPS1050 configuration, this yacht delivers exhilarating pace and efficient range: with two IPS1050 it achieves a maximum speed of 21 Knots and a high cruise of 19 Knots, while the four IPS1050 option pushes the maximum to 30 Knots with a high cruise of 25 Knots. Optimized for long passages, the low cruise range extends to 3,450 Nm with two IPS1050 and to 2,650 Nm with four IPS1050.

Engine room #1

Purpose-built for reliability and ease of service, this compartment is centered on one Volvo Penta D13-IPS 1050 Tier III, delivering efficient, modern propulsion. Electrical power is assured by one Onan 25 kW generator operating at 1800 rpm, while onboard conditions are optimized by a 10-inch ventilation fan with speed control. Long-range autonomy is supported by one 900 US gallon fuel day tank, routine upkeep is simplified by a lube oil change system, and overall safety is elevated by an automatic fire suppression system.

Engine room #2

In engine room #2, one Volvo Penta D13-IPS 1050 Tier III stands ready to deliver efficient, responsive propulsion, complemented by one Onan 25 kW 1800 rpm generator for quiet, reliable onboard power. Dometic air conditioning with reverse cycle maintains ideal climate control, while one ten-inch ventilation fan with speed control optimizes airflow. Endurance is supported by one nine hundred US gallon fuel day tank, routine service is streamlined by a lube oil change system, and peace of mind is assured by an automatic fire suppression system.

Machinery

Engineered for seamless operation, the machinery suite features a hydraulic transformer platform for effortless waterside access, a fuel tank transfer management system for balanced and efficient bunkering, and two Headhunter Mach 5 freshwater pumps delivering robust, redundant domestic pressure. A hot water circulating system provides instant onboard comfort, while a Village Marine watermaker rated at 1,200 gallons per day extends autonomy far from shore. Completing the technical backbone is a dependable compressed air system that supports maintenance and versatile utility needs throughout the yacht.

Electrical

The yacht's electrical architecture is engineered around 220 V 60 Hz three-phase power circuits, supported by lithium-iron house storage batteries and a Mastervolt Combi inverter/charger to deliver reliable, efficient power across all onboard systems. Oversight and control are streamlined through a C-Zone expandable monitoring and control system, while a solar panel system

with power management adds silent, sustainable energy at sea and at anchor. Entertainment is equally refined with a multi-zone TV and audio electronics package.

Interior general

The interior welcomes with four guest staterooms complemented by two crew cabins, all framed by rich walnut wood furniture. Leather and stone countertops elevate the finish throughout all guest areas, while indirect toe-kick lights in all guest areas and LED overhead lighting create a warm, contemporary ambiance.

Guest area

Designed for indulgent comfort, the guest area pampers every stay with a Fusion audio system in each cabin and refined Vimar light switches and outlets throughout. The main salon is appointed with powered window blinds operated by remote for effortless ambiance control, while the en suites showcase marble tile shower enclosures paired with dependable Headhunter Royal Flush toilets to elevate daily rituals.

Exterior

On deck, indulgence begins with a four-person Jacuzzi, while the flybridge invites effortless entertaining with its full wet bar and grill area. Expansive forward deck netted sunbed areas provide breezy lounging, complemented by teak decking throughout that lends timeless elegance underfoot. Practicality meets polish with a dedicated freshwater deck wash down system, keeping every surface pristine.

Deck equipment

At the bow, two Muir 4,500 lb electric vertical windlasses deliver formidable anchoring power, complemented by two Muir VC850 electric capstans for smooth, controlled line handling. Robust stainless steel bollard-type cleats ensure secure mooring, while removable stainless steel swim step rails provide confidence and versatility at the water's edge.

Major options available

Tailor the yacht to your vision with guest stateroom layouts comprising five or six cabins, a blackwater treatment plant, twin- and quad-engine upgrades, a power convertor, and an extended aft deck area. Each option is designed to elevate comfort, versatility, and independence at sea while complementing the yacht's refined character.

CONTACTS

Shestakov Yacht Sales is a brokerage company specializing in the sale and service of yachts worldwide. The company offers services for buying and selling both new and used motor yachts, sailing vessels, and luxury superyachts. They also provide yacht registration, insurance, technical maintenance, crew selection, and charter organization services across the U.S., Canada, Latin America, the Caribbean, and the Bahamas.

The founder and lead broker of the company is Andrey Shestakov, a licensed and certified expert with extensive experience in marine engineering and shipbuilding.

The company has an extensive network of partnerships with major yacht manufacturers worldwide and provides services in multiple languages, including Russian, Ukrainian, Spanish, and English. The office is in Dania Beach, Florida, USA.

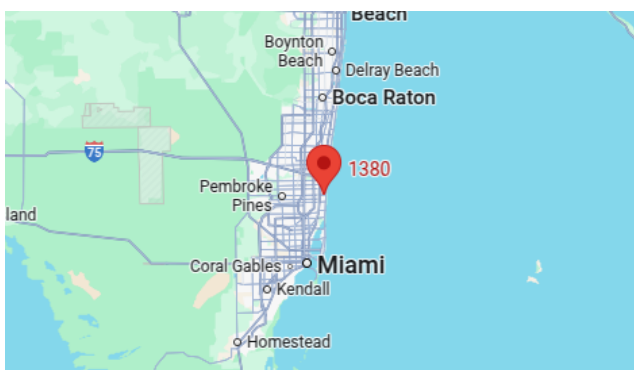
For more information and to view available yachts, you can visit the company's official website: <https://shestakovyachtsales.com>

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