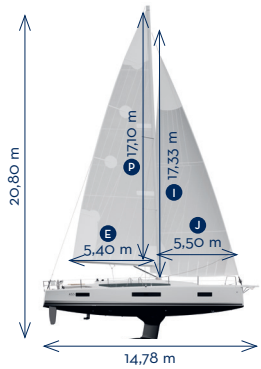
JEANNEAU

SUN ODYSSEY 455

SPECIFICATIONS

Overall length	14,28 m	46'9"
Overall Length with bowsprit	14,78 m	48'5"
Hull length	13,74 m	45'1"
Waterline length	13,58 m	44'5"
Beam	4,49 m	14'8"
Displacement light load with deep draft keel	11 278 kg	24 864 lbs
Standard keel draft	2,40 m	7'9"
Standard keel weight	2 691 kg	5 933 lbs
Shoal keel draft	1,80 m	5'9"
Shoal keel weight	3 050 kg	6 724 lbs

Fuel capacity	190 L	50 US gal
Water capacity	380 L	100 US gal
Fridge capacity	190 L	50 US gal
Holding tank capacity	144 L	38 US gal
Standard mainsail, horizontally-cut, in High Strength polyester	54 m²	581 Sq ft
Standard 120 % genoa, horizontally-cut, in High Strength polyester	49 m²	527 Sq ft
CE category	A10 / B11 / C12	
Architect / Designer	Marc Lombard Yacht Design Piaton Yacht Design Jeanneau Design	



AN EXCEPTIONAL LEVEL OF EQUIPMENT

EXTERIOR

Sailing features

- High aspect ratio rig, cathedral mast and split rigging
- Harken® roof and primary winches
- Harken® deck hardware
- Anodised aluminium mast and boom
- Boom with rigid boom vang and lowered gooseneck, to ease manoeuvring
- Semi-battened mainsail and furling genoa with UV protection
- Discontinuous standing rigging, stainless steel wire
- Lazy bag and lazy jacks
- Sheets lead back to the helm – German sheeting
- Large choice of sails sets

Construction

- Infused monolithic hull, fibreglass and polyester resins, ISO gelcoat surface, protective barrier coat
- Infused fiberglass inner liner, relamination in stays attachment areas.
- Injected deck
- Twin rudders with self-aligning roller bearings and textile lines, to increase control and pleasure in navigation

Cockpit

- Walk-in access to side decks, enabling to walk around the deck without crossing any steps
- 2 fixed cockpit tables
- Leather-covered stainless steel steering wheels
- Large aft fold-down swim platform with telescopic ladder
- Telescopic bath ladder
- Hinged companionway doors

Deck

- Flush deck hatches
- Long tinted acrylic roof windows
- Split rigging: Inboard shrouds for easier access forward
- External woodwork and inlays made of wood
- Mid-ship cleats
- Electric windlass Lofrans
- Taquets d'amarrage aluminium au maître-bau
- Guindeau électrique Lofrans

INTERIOR

- One-level interior with no door sills for cabins
- Large doors, double access to aft head
- Leather-wrapped handrails
- LED lighting
- Large double berths
- Fully-upholstered hull sides
- Blinds for each hatch and opening in the forward and aft cabins
- Numerous choices of interior ambiances
- Large seaworthy storage spaces, with fiddles, soft closing drawers and cabinets
- Separated shower compartment in the forward owner's cabin

Chart table (VERSIONS A and A2)

- Charts table with opening top, laptop compartment, open storage space, large fold-away seat for sitting or lying down, electrical panel, reading light and bookcase

Workshop (Version A)

- Enclosed and ventilated starboard storage compartment, with shelving, removable storage bins, a hanging locker, or space for an optional refrigerator or a pre-fitting for a washing machine.

Galley

- U-shape galley, ideally located near the centre of gravity of the boat
- Compact counter top
- Double stainless steel sinks with covers
- 2-burner stove with oven
- Fridge 190 L / 50 US gal with top and front access

TECHNICAL

Electrical

- LED navigation and anchoring lights
- 12 V electrical panel
- Battery Exide Dual Marine
- 125 Ah alternator and charge distributor/isolator
- Positive and negative battery cut-off switches to better protect battery banks

Water System

- Hot and cold cockpit shower
- Hot water heater 40 L / 11 US gal
- "Heavy-duty" water pump

Engine

- Latest-generation Yanmar Common Rail Sail Drive engine
- Fixed 3-blade propeller
- Sound insulation 1'½" thick, with fire retardant film

TRIM LEVELS AND PACKS

TRIM LEVEL	"PREMIERE"	"PREFERENCE"
GRP bowsprit with integrated anchor roller (replaces the standard anchor roller)	●	●
Helm consoles port side and starboard side	●	●
Second windlass control with chain counter, installed in the cockpit	●	●
Lifeline	●	●
Halyard bags in the cockpit and on the roof (4)	●	●
2x 40 Ah battery chargers for 12 V battery banks	●	●
3x 95 Ah additional service batteries	●	●
LED courtaisy lighting in the cockpit	●	●
3 burner cooker and oven with grill function (replaces standard 2 burner cooker)	●	●
Counter top in Corian®, with fiddles	●	●
Navicolor battery monitoring	●	●
Indirect LED lighting in the saloon		●
Shades for windows and ports in the saloon		●
Shades and screens for hatches in the saloon		●
Signature clock and barometer set at the chart table		●
Upholstered headboard in the owner's cabin in Maglia Artic fabric		●

EXTERIOR AND TECHNICAL EQUIPMENT

ARCHITECTURE

- Full-length hull chine for improved stability and speed
- Long waterline for better speed while sailing and under power
- L-shaped cast iron keel
- Twin rudders with self-aligning roller bearings and textile lines, to increase control and pleasure in navigation

SAILS

Standard

- Horizontally-cut in High Strength polyester
- Semi-battened main sail with 3 reefs 54 m² / 581 Sq ft
- Furling 110 % genoa in high strength polyester 49 m²/ 527 Sq ft

Options

- In mast furling main sail horizontally-cut in High Strength polyester 46,1 m² / 496 Sq ft
- Self-tacking jib with UV protection in High Strength polyester 39 m² / 420 Sq ft
- Code 0 in triradial cross cut Mylar/Aramid laminate 85,74 m² / 923 Sq ft with continuous line furler (requires Downwind pack)
- Asymetrical spinnaker on socket 178 m² / 1 916 Sq ft

SAIL HANDLING

Standard

- Mainsheet attached to Dyneema® bridle forward of companionway, with sheets led back to the cockpit winches
- 3D system for genoa sheets
- Spinlock® jammers
- Coachroof winch 1 x Harken® 46.2 ST on port side
- Genoa winches 2 x Harken® 50.2 ST winches for easy use at the helm stations
- Harken® winch handle

Options

- Self-tacking jib ball bearing track on coachroof
- Electrical coachroof winch Harken® 46.2 ST on port side
- 2 x electrical primary winches Harken® 50.2 ST

MAST AND RIGGING

Standard

- Classic aluminium mast with double spreaders, deck-stepped, cathedral geometry and split rigging
- Aluminium boom with rigid vang and lowered goose neck for easier handling
- Double backstay
- Genoa furler with double slot, furling line lead aft to cockpit on coach roof
- Running rigging topping lift, mainsail halyard, genoa halyard, mainsheet, genoa sheets in polyester
- Standing rigging discontinuous 1 x 19 stainless steel wire
- Asymmetrical lazy bag with integrated lazy jacks

Option

- Furling mast aluminium with double spreaders, deck-stepped, cathedral geometry and split rigging

COCKPIT

Standard

- Walk-in access to side decks, enabling to walk around the deck without crossing any steps.
- 2 fixed cockpit tables in polyester with handrails and cup holders
- Wooden inlay on bench seats, helms stations and transom platform
- Fixed coaming with ideal height for comfort and safety
- 2 Cockpit lockers in the center
- 2 cockpit lockers under the seats on both side
- Universal gas box, cut-off valve under the stove
- Steering wheels with leather wrap
- Emergency tiller, and fitting in cockpit floor
- Engine control: throttle lever at starboard helmstation and engine panel
- Large bathing platform with telescopic ladder, handrail and access step to the cockpit
- Hinged companionway doors in plexiglass
- Sliding horizontal hatch in plexiglass
- Cockpit tables in polyester, fixed legs, handrails and cup holders

Options

- Telescopic cockpit tables
- Wooden cockpit tables
- Wooden inlay on cockpit floor
- Large cockpit sprayhood in T-TOP®, high transparency windscreen and LED cockpit lighting
- Cockpit Bimini with stainless steel bows in T-TOP®, connecting fabric between Bimini and sprayhood
- Cockpit enclosure kit in T-TOP®, fitted on the sprayhood and bimini
- Electrical bathing platform system with remote

DECK HARDWARE

Standard

- Bow pulpit in stainless steel
- Stern pushpits in stainless steel with buoy bracket and emergency ladder
- Double level of stainless steel lifelines
- 6 aluminium mooring cleats
- Stainless steel handrails on coachroof (2)
- Deep anchor locker
- Electric 12 V Lofrans windlass 1 000 W - 10 mm chain
- Long fixed tinted windows along coach roof
- Fixed cockpit windows in the aft cabins (2)
- Large, fixed hull ports (6)
- Opening ports in the roof (3)
- Opening deck flush hatches (8)
- Opening ports towards cockpit in the aft cabins (1 per cabin)
- Opening ports towards side-deck in the aft cabins (1 per cabin)

Options

- Wooden side-decks
- Rubrail for hull protection
- Mooring kit 6 fenders and 4 docklines
- Anchoring kit with Delta 20 kg / 44 lbs, 32 m / 104'11" of 10 mm chain and 45 m / 147'7" line
- Sunbed on the foredeck

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PACKS

DOWNWIND PACK

- Spinnaker rigging with Spinlock® jammers
- Halyards and sheet for asymmetrical spinnaker / Code 0 (2 polyester halyards, 1 sheet and 1 tack line in Dyneema®, pulleys on mast step and side decks)
- Extra Harken® 46.2 ST winch on starboard on coachroof
- Extra winch handle
- Windex 15" on mast head

PERFORMANCE PACK

- Downwind pack
- Performance full-batten mainsail, triradial cut, in DCX® grey 55 m²/ 591 Sq ft
- 120 % performance genoa, triradial cut, in DCX® grey with UV protection 49,8 m²/ 536 Sq ft
- Dyneema® low-stretch halyards and sheets for main and genoa
- Hydraulic textile adjustable backstay
- Flat-deck genoa furler

PACK ENTERTAINMENT AUDIO

- Fusion® APOLLO RA670 player (Radio / USB / Bluetooth...)
- PIONEER® speakers in the saloon
- Fusion® speakers in the cockpit

SAIL LOCKER

Standard

- Access via lockable deck hatch
- Access ladder in stainless steel

LIGHTING

Standard

- Full LED interior lighting

ELECTRICAL

Standard

- Main 12 V electrical panel at the chart table
- 12V Circuit for house and engine system
- Domestic battery bank capacity 2 x 95 Ah / 12 V
- Engine start battery capacity 1 x 50 Ah / 12 V
- 12 V engine alternator: 125 Ah
- Positive and negative battery switch 12 V in the aft cabin

Options

- USB plug in each cabin
- Inverter 12 V > 220 V 2 000 W enable to use 220 V appliance from the domestic battery bank
- Generator Onan 7,5 KW 230V 2 400 rpm

PLUMBING

Standard

FRESH WATER

- Pressurised water distributed through-out the boat via semi-rigid hose
- "Heavy-duty" water pump 19 L / 5 US gal / mn, accumulator tank for consistent water pressure
- Water tank: 380 L / 100 US gal, under the forward cabin berth
- Tank gauges (1 per tank)
- Water boiler 40 L / 11 US gal connected to the engine and 220 V circuit
- Hot and cold cockpit shower on transom

Option

- Additional water tank: 200 L / 53 US gal, under the aft cabin berth on starboard side

GREY AND BLACK WATER

- Automatic electrical shower self-activating
- Large bowl marine toilets
- Black water tank 80 L / 21 US gal for forward cabin, 64 L / 17 US gal for aft head (VERSION A)
- Black water tank 64 L / 17 US gal in heads (VERSIONS B and C)

BILGES DRAINAGE

- Electric bilge pump located in bilge area with activation via switch at electrical panel
- Dual-action manual bilge pump located in the cockpit, with separate hose from primary bilge pump

GAS

- Gas leakage detector

Options

- Electric Quiet-Flush toilets, on fresh water circuit, in place of manual toilets
- Water intake in the cockpit. Enable to connect the fresh water circuit directly to the shore

ENGINE

Standard

- Latest-generation Common Rail engine with reduced emissions and consumption
- Yanmar Engine 4JH57CR Sail Drive - 57 HP / 42 kW – Alternator 125 Ah
- Engine panel and throttle located at the starboard helm station
- Insulation: Foam 40 mm, with fire retardant film
- Built-in muffler, air ventilation and stainless steel exhaust fitting
- Fixed 3 blade propeller
- Ventilation system extractor fan located near the engine, benefiting from the insulation of the engine room. Outlets vents at the back of cockpit
- Roto moulded fuel tank 190 L / 50 US gal located under the aft cabin berth, fuel / water separator
- Access behind steps to engine compartment and from aft cabins

Options

- Yanmar Engine 4JH80CR Sail Drive - 80 HP / 59 kW – Alternator 125 Ah, includes the electrical engine throttle
- Extra fuel tank 200 L / 53 US gal, instead of a fresh water tank underneath the aft cabin berth
- Tunnel bow thruster Side Power SE100/185T - power 8.4 hp - thrust 116 kg - 24V
- Flex-o-fold 3 blade folding propeller

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INTERIOR EQUIPMENT AND LAYOUTS

VERSION A
Forward master cabin,
2 aft cabins / 2 heads

VERSION A2
Forward master cabin,
2 aft cabins / 3 heads

VERSION B
2 forward cabins,
2 aft cabins / 4 heads

VERSION C
2 forward cabins,
3 aft cabins / 3 heads

WOODWORK

Standard

- Teck interior woodwork laminated with solid wood trim, UV stabilized varnish (VERSIONS A and A2)
- Charter woodwork in laminated wood Laos Teck (VERSIONS B and C)
- Fully-upholstered hull sides and ceiling
- Lindberg laminated oak floorboard

Options

- Woodwork in Alpi® grey Cedar mat finish (VERSIONS A and A2)
- Dark Oak laminate floorboards (VERSIONS A and A2)

SALOON

Standard

- Comfortable seating arrangement to port side with view of sea though hull ports
- Hinged storage compartments under settee
- Large storage behind backrests
- Large table with 2 removable aluminium legs
- Companionway with anti-sleep floor surface

Options

- Convertible berth in saloon
- Saloon table "Luxe" in 2 parts, on telescopic legs, 1 part can be up while the other one is down

CHART TABLE (VERSIONS A and A2)

- Large chart table, opening compartment for laptop computer, electronic panel, USB plug
- Large removable charts table seat, chaise longue style, with storage underneath
- Multiple storage for telephone, keys...
- Large storage space under electrical panel for books and other navigation equipment, storage underneath the seat
- Ergonomic seat, seaworthy

WORKSHOP (VERSION A)

Standard

- Large workshop on starboard side, closed
- Storage shelf with hanging rail, removable plastic bins (6), bottle rack and shelves
- Hull window for natural light and opening porthole for ventilation

Options

- Additional 65L / 17 US gal refrigerator
- Pre-fitting for washer-dryer

GALLEY

Standard

- U-shaped galley located on starboard side, with view on the sea
- Double stainless steel sinks with chrome fixtures
- Soft-close, fully-extending drawers
- 2 waste bins for recycling, located under the sink
- Open storage behind the galley
- 2 burners stove with protective handrail
- Fridge 190 L / 50 US gal with top opening and front opening
- Closed storage under the countertop with 220V socket
- Bottle storage, compartmentalised, under the countertop
- Spice drawer, to the right of the oven (VERSION A)
- Large storage, to the right of the oven (VERSIONS B and C)
- Top storages along the entire length of the galley

Options

- Pre-fitting for Microwave
- Additional drawer fridge in the galley (VERSIONS B and C)

COMFORT

Standard

- Cushions in High Density foam 120 mm in the salon
- High Density Premium mattresses in cabins

Options

- Air conditioning working from generator or shore power with 3 units (32 000 BTU in total)
- Pushed air heating system 5 500 W with outlets in each cabin and head (VERSION A)
- Pushed air heating system 11 000 W with outlets in each cabin and head (VERSIONS B and C)

FORWARD OWNER'S CABIN (VERSION A and A2)

Standard

- Island bed 2,00 x 1,60 m / 6'6" x 5'2'
- Large wardrobe on the starboard side with deep hanging space and high shelves
- Biblioteca integrada en el mueble vestidor a estribor
- 2 large drawers underneath the berth
- Side bed tables with leatherette
- Fully upholstered front bulkhead
- LED lighting
- 2 opening deck hatches above the bed, and 2 small ones in the passageway
- 2 large fixed hull ports with sliding blinds
- Deck hatches with blind and bug screens
- Front owner's head: GRP sink furniture, miror above the sink with direct lighting, drawers under the sink, opened storage shelves with edges, hull port allowing sea view, opening deck hatch, 2 ceiling spotlights. Separated shower, with its dedicated opening deck hatch and plexiglass door, shower, shower drain with automatic switch

Options

- Mattress battens
- Electric Quiet-Flush toilets, on fresh water circuit, in place of manual toilets

AFT CABIN(S)

- Large berth 2,00mx1,50m-1,15m / 6'6"x 4'9"-3'8"
- Hanging locker storage and shelf along hull
- LED Lighting
- LED reading lights
- 1 long fixed hull port, 1 large fixed cockpit window
- 1 cockpit opening porthole, 1 side deck opening porthole
- Blinds for each opening
- Access to tanks and technical area behind the engine
- Starboard aft head: double access, from starboard cabin and saloon, GRP sink furniture, storages, high shelves with edges, large roof window, opening port for light and ventilation, 2 ceiling spotlights, separated shower, shower drain with automatic switch, water inlet valve and connector underneath the sink, large marine toilet with manual pump, hook, large mirror, shower separated with a plexiglass door on versions A and B

PORT SIDE HEAD (VERSION A, A2 and B)

- Port side aft head: double access, from starboard cabin and saloon, GRP sink furniture, storages, large roof window, opening port for light and ventilation, 2 ceiling spotlights, shower (fully separated in owner versions), shower drain, water inlet valve and connector underneath the sink, large marine toilet with manual pump, hook, large mirror, shower separated with a plexiglass door on versions A and B

PORT SIDE LATERAL CABIN (VERSION C)

- 2 bunk beds, hanging locker, reading light
- Opening deck hatch for ventilation, fixed roof windows

WORKSHOP (VERSION B)

- Large storage on portside
- Shelf
- Clothes rail
- Additionnal storage at the bottom

TWIN FORWARD CABINS (VERSIONS B and C)

- Large rectangular berth 2,00 x 1,35/0,78 m / 6'6" x 4'4"/2'6"
- Hanging locker
- Storage above the berth
- LED lighting
- Opening deck hatch with ventilation
- Large fixed hull windows with sliding blinds
- Blinds and bugs screens for deck hatches
- Forward heads: GRP sink furniture, storage, hull port allowing sea view, opening deck hatch for light and ventilation, 1 ceiling spotlight, shower, shower drain, water inlet valve and connector underneath the sink, large marine toilet with manual pump, hook

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