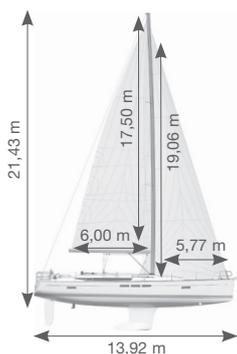
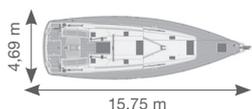


# Sun Odyssey 519

## SPECIFICATIONS



Overall length	<b>15,38 m / 50'5"</b>
Overall Length with Bowsprit	<b>15,75 m / 51'8"</b>
Hull length	<b>14,98 m / 49'1"</b>
Waterline length	<b>13,92 m / 45'8"</b>
Beam	<b>4,69 m / 15'4"</b>
Displacement light load with deep draft keel	<b>13900 kg / 30644 lbs</b>
Standard keel draft	<b>2,28 m / 7'5"</b>
Standard keel weight	<b>4300 kg / 9480 lbs</b>
Shoal keel draft	<b>1,73 m / 5'8"</b>
Shoal keel weight	<b>4750 kg / 10472 lbs</b>

CE category	<b>A12 / B14 / C16 / D16</b>
Fuel capacity	<b>240 L / 63 US gal</b>
Water capacity	<b>640 L / 169 US gal</b>
Fridge capacity	<b>255 L / 67 US gal</b>
Holding tank capacity	<b>160 L / 42 US gal</b>
Architect/Designer	<b>Philippe Briand / Jeanneau Design</b>
Furling mainsail horizontally-cut in High Quality Dacron	<b>49,00 m<sup>2</sup> / 527 Sq ft</b>
Standard headsail 106 % horizontally-cut in High Quality Dacron	<b>53,00 m<sup>2</sup> / 570 Sq ft</b>

## AN EXCEPTIONAL LEVEL OF EQUIPMENT

### EXTERIOR

#### Sailing features

- High aspect ratio rig
- Harken genoa tracks
- Harken winches
- Harken deck hardware
- Aluminium furling mast and boom
- Standing rigging discontinuous stainless steel wire
- Sheets lead back to the helm – German sheeting

#### Construction

- Hull solid, hand-laid fibreglass, ISO gelcoat surface, protective barrier coat
- Structure 3<sup>rd</sup> generation inner fibreglass grid, high-load zones cut out and relaminated, drainage system through structure, special emergency repair zone in keel area
- Deck Prisma Process<sup>®</sup> injected deck, ISO gelcoat surface, discontinuous balsa block coring - 30 % weight savings as compared to traditional decks

### Cockpit

- One-level cockpit with dedicated sail handling areas
- Multi-function cockpit table
- Leather-covered steering wheels
- Hinged companionway doors

### Deck

- Flush deck hatches
- Long acrylic deck windows with GRP eyebrow
- Inboard shrouds for easier access forward
- 6 mooring cleats
- Electric windlass

### INTERIOR

- One-level interior with no door sills
- Leather-wrapped handrails
- Direct and indirect LED lighting
- Large, double berths
- Fully-upholstered hull sides and ceiling
- Numerous choices of interior decor
- Large storage spaces, seaworthy with fiddles

### Chart table

- Large nav desk with leatherette lining and interior storage for a portable computer

### Galley

- Corian<sup>®</sup> countertops
- Double stainless steel sinks
- 2-burner stove with oven
- Fridge 175 L / 46 US gal + icebox 80 L / 21 US gal with top access to better maintain the cold air
- Woodwork in Alpi<sup>®</sup> Teak
- UV stabilised varnish
- Light oak laminate floorboards
- Numerous solid wood mouldings

### TECHNICAL

#### Electrical

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

#### Water systems

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

#### Engine

- Latest-generation Yanmar 80 HP Common Rail engine with reduced emissions and consumption
- Fixed 3-blade propeller
- Sound insulation 40 mm / 1 1/2" thick

## TRIM LEVELS AND PACKAGES

TRIM LEVEL	CHARTER	CRUISING	OFFSHORE	OCEAN
Large aft fold-down swim platform with telescopic ladder	✓			
Fans	✓			
Companionway steps covered in PVC	✓			
12 V freezer unit for 80 L / 21 US gal icebox	✓			
Freezer compressor and refrigerator cooled by sea water exchanger	✓			
Foot pump in the galley	✓			
Double berth in the saloon	✓			
Additional house bank batteries 2 x 115 Ah	✓			
2 x 40 A battery chargers for 12 V battery banks	✓			
Speakers in the saloon, 2 waterproof exterior speakers located in the cockpit	✓			
Curtain set for windows, ports and hatches insect screens for hatches	✓			
2 additional opening ports in the cockpit	✓			
Fusion player with bluetooth	✓			
RAYMARINE I70S multifunction displays		✓	✓	✓
Sensor speed and depth		✓	✓	✓
Wind speed and anemometer		✓	✓	✓
VHF RAYMARINE RAY53		✓	✓	✓
Calculator ACU400 + GYROCOMPASS		✓	✓	✓
GPS multifunctions touch RAYMARINE AXIOM 7 wifi		✓		
GPS multifunctions touch RAYMARINE AXIOM 9 wifi			✓ x 2	
GPS multifunctions touch RAYMARINE AXIOMPRO 9 wifi				✓ x 2
Autopilot RAYMARINE P70S		✓	✓	✓
Transpondeur RAYMARINE AIS 700				✓
Navionics cartography silver			✓	
Navionics cartography +				✓
Autopilot remote control (Smart Controller)				✓
RAYMARINE QUANTUM Radar				✓

## EQUIPMENT

### ARCHITECTURE

- Hull chine for improved stability and speed
- Long waterline for better speed while sailing and under power
- L-shaped cast iron keel less exposed to seaweed and lines
- High ballast-to-weight ratio
- Balanced rudder with composite shaft

### SAILS

#### Standard

- Horizontally-cut in High Quality Dacron
- Furling Genoa 106 % with UV protection 53,00 m<sup>2</sup> / 570 Sq ft
- In mast furling horizontally-cut in High Quality Dacron 49,00 m<sup>2</sup> / 527 Sq ft

### Options

- Code 0 in triradial cut mylar/aramid laminate 97,00 m<sup>2</sup> / 1044 Sq ft, with continuous line furler
- Full-batten mainsail with 2 auto reefs and 3rd classic reef 61,00 m<sup>2</sup> / 656 Sq ft
- High Strength sails for classic mast
- High Strength sails for furling mast
- Self-tacking jib in Mylar/Taffetas X-Grid
- Code 0 sail X-GRID Mylar/Aramid with continuous line furler

### SAIL HANDLING

#### Standard

- Harken genoa tracks with adjustable lead cars
- Spinlock jammers
- Coachroof winches 2 x Harken 46.2 ST
- Genoa winches 2 x Harken 50.2 ST winches for easy use at the helm stations
- Winch handles 2 x Harken handle with ball-bearing grip

### Options

- Self-tacking jib ball bearing track on coachroof
- Harken "Rewind" electric genoa winches 2 x 60.2 (compatible with all genoa)
- Electric genoa winches 2 x 60.2
- Electric winches BDH46

### MAST AND RIGGING

#### Standard

- Furling mast aluminium with double spreaders, deck-stepped
- Aluminium boom with rigid vang
- Single backstay
- Genoa furler with double slot, furling line lead aft to cockpit
- Running rigging topping lift, mainsail halyard, genoa halyard, mainsheet, genoa sheets in polyester
- Standing rigging discontinuous 1 x 19 stainless steel wire

## Options

- Classic mast aluminium with double spreaders, deck-stepped
- Running rigging for asymmetrical spinnaker / code 0 in Dyneema® includes: 2 sheets, 1 halyard, 1 downhaul, turning blocks for mast base and sidedecks
- Releasable forestay for staysail (option not compatible with self-tacking jib)
- Halyards for asymmetrical spinnaker
- Deck hardware for self-tacking jib
- Releasable forestay + deck fittings
- Lazy bag with offset zipper in Sunbrella® Taupe with integrated lazy jacks

## COCKPIT

### Standard

- Large cockpit table with storage compartment, icebox
- Teak inlay on bench seats
- Cockpit lockers 2 under bench seats, 2 large lockers under helm stations and 1 central locker designed to hold the optional generator
- Gas locker for 2 gas bottles, cut-off valve under stove
- Wheels with a leather wrap, space for flush mounted GPS at each helm, stainless steel handrail
- Emergency tiller fitting in cockpit floor
- Engine control throttle lever and engine panel located at starboard helm
- Hinged companionway doors in plexiglass
- Sliding horizontal hatch in plexiglass

### Options

- Teak inlay on cockpit floor
- Cockpit sprayhood wide Sunbrella® Taupe with vinyl windscreen with zip-out middle window for ventilation, retractable
- Cockpit bimini Sunbrella® Taupe with stainless steel bows and integrated LED strip lighting, retractable with storage cover
- Removable ladder at lifeline gate
- Rubrail for transom

## DECK HARDWARE

### Standard

- Bow pulpit stainless steel
- Stern pulpits stainless steel with buoy bracket and emergency ladder
- Toerail in Teak
- Mooring cleats: 6 x aluminium
- Stainless steel handrails on coachroof
- Deep anchor locker
- Vertical electric windlass 1500 W - 12 mm chain
- Fixed windows along coachroof
- GRP eyebrows above windows
- Large, fixed hull ports (10)
- Opening ports in cockpit and roof 4 (+2 opt.)
- Opening deck hatches (11)

### Options

- Windlass control second windlass control mounted in cockpit with chain counter
- Protection Teak liston, located on the hull just above the livet
- Mooring kit 6 fenders and 4 docklines
- Anchoring kit Delta anchor 25 kg / 55 lbs Delta, 40 m / 131' of 12 mm chain and 50 m / 164' of line
- Electric seawater washdown pump 12 V in anchor locker with hose and nozzle
- Interior and exterior speakers
- Lifeline gates

## SAIL LOCKER

### Standard

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

## LIGHTING

### Standard

- Direct LED lighting in saloon and cabins

## ELECTRICAL

### Standard

- Main electrical panel at navigation station, 12 V plug, LCD display
- 12 V circuit for house and engine systems, 12 V plugs and 220 V plugs in each cabin, saloon, chart table and galley
- Domestic battery bank capacity: 3 x 115 Ah / 12 V
- Engine start battery capacity: 1 x 120 Ah / 12 V
- 12 V alternator output: 125 A
- Positive battery switch for engine and domestic bank and general cut-off switch

### Options

- Inverter 2000 W 12 V / 220 V
- Generator ONAN 6 kW 220 V 2400 RPM its sound shield and located in a sound-shielded compartment in the transom, access via water-tight hatch
- Solar panel on coachroof with charging relay
- Upgrade of domestic bank to lithium batteries

## PLUMBING

### Standard

#### FRESH WATER

- "Heavy-duty" water pump 19 L / 5 US gal / mn, accumulator tank for consistent water pressure
- 2 roto moulded tanks: 400 L / 106 US gal, under forward cabin berth and 240 L / 63 US gal, under aft berth
- Tank manifold with selector valves
- Tank gauges located at the electrical panel
- 40 L / 11 US gal hot water tank that is connected to engine heat exchanger and 220 V system
- Hot and cold cockpit shower on transom

#### GREY AND BLACK WATER

- Shower pumps with crusher function and Time switch
- Large manual pump marine toilets
- 2 x 80 L / 21 US gal holding tanks with gravity drain and deck fitting

#### BILGE

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

#### GAS

- Gas detector

## ENGINE

### Standard

- Latest-generation Common Rail engine with reduced emissions and consumption
- Engine Yanmar 4JH80CR Sail Drive - 80 HP / 59 kW - Alternator 125 A
- Engine panel and throttle located near starboard helm
- Insulation: foam 40 mm / 1 ½", with fire-retardant film
- Built-in muffler, air ventilation and stainless steel exhaust fitting
- Fixed 3-blade propeller
- Ventilation system extractor fan located in engine room
- Roto moulded fuel tank 240 L / 63 US gal located under aft cabin berth, fuel/water separator
- Access behind steps to engine compartment

### Options

- Extra diesel storage tank 240 L / 63 US Gal in lieu of one water tank
- Bow thruster 24 V with separate 24 V OPTIMA REDTOP
- Outboard engine bracket

## LAYOUTS



**Version A**  
2 forward cabins, 2 aft cabins,  
4 heads



**Version B**  
2 forward cabins, 1 aft lateral  
cabin, 2 aft cabins, 3 heads

## INTERIOR

### Woodwork

- Alpi® Teak interior laminated panels with solid wood trim around galley, companionway and cabinetry, finished in satin UV stabilised varnish
- Fully-upholstered hull sides and ceiling
- Light Oak laminate floorboard

### Options

- Woodwork in Alpi® Light Oak with mouldings in solid Alpi® Oak, UV stabilised varnish
- Dark Oak laminate floorboard

### Saloon

- Comfortable seating arrangement to port for 6 with view of sea through hull ports
- Hinged storage compartments under settee seating
- Large table with two removable, aluminium legs and central bottle storage
- Central two-seat bench with storage

### Chart Table

- Chart table with leatherette worktop with opening compartment, space designed for laptop computer
- Large storage space under electrical panel for books and other navigation equipment
- Bookshelf under table with plexiglass dividers
- Chart reading light with red night-time vision mode

### Galley

- Corian® countertops
- Storage cabinet with lockers and draws easily accessible from the companionway and galley
- Double stainless steel sinks with covers and chrome fixtures
- Soft-close, fully-extending drawers
- Sliding waste bins with multiple compartments for selective sorting and recycling
- Upper storage cabinets with storage and space for optional microwave (option)
- 2 Burner stove and oven with protective handrail
- Fridge 175 L / 46 US gal + icebox 80 L / 21 US gal with top access to better maintain the cold air
- Long galley to starboard of entryway

### Options

- Wood vertical fridge door
- Crockery kit for 4 people

### Comfort

- Cushions in High Density foam
- Premium mattresses

### Options

- Cruisair® air conditioning 44000 BTU runs via shorepower or generator with 3 units Microwave installed in galley
- Eberspacher® circulating water heating system 12000 W with outlets in all cabins and toilets

### Double forward cabins

- Upper cabinets with fiddles
- Opening deck hatches, for light and ventilation
- Large fixed hull port
- Removable bulkhead between the cabins can be stored under the berth
- Double berth with High Density foam mattress 2,03 x 1,37 m / 6'8" x 4'5"

### Lateral cabin to starboard

(version B)

- Two single, upper and lower bunks facing opposite directions, storage and reading lights
- Opening port and fixed window for light and ventilation

### Double aft cabins

- Double berth with High Density foam mattress 2,05 x 1,44 m / 6'8" x 4'8"
- Hanging locker storage shelf along hull, night stand above engine compartment, storage shelf along engine compartment
- LED overhead lighting and reading light
- 1 fixed hull port, 1 opening port into the cockpit for ventilation
- 1 window in coachroof
- 1 deck hatch
- Access to tanks and technical equipment in central corridor
- Washrooms: en-suite compartment with access from cabin: en-suite compartments with day access from saloon, solid surface countertop with moulded sink, access to through-hulls and plumbing connections under sink, storage cabinets, opening port and fixed windows to provide light and ventilation, LED overhead lighting and task lighting, shower drain with switch, marine toilet with manual pump, clothes hook and towel bar, hanging bar, mirror

## HEADROOM

Forward cabin	<b>1,93 m / 6'3"</b>	Saloon	<b>1,94 / 1,97 m / 6'4" / 6'3"</b>
Aft cabin(s)	<b>1,97 m / 6'5"</b>	Galley	<b>1,93 m / 6'3"</b>
Companionway	<b>1,97 m / 6'5"</b>		



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