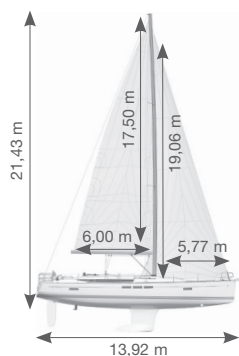
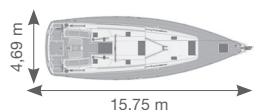




# Sun Odyssey 519

## 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</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 **Philippe Briand / Jeanneau Design**

Furling mainsail horizontally-cut in high-quality dacron **61,00 m<sup>2</sup> / 656 Sq ft**

Standard headsail 106% horizontally-cut in high-quality dacron **49 m<sup>2</sup> / 527 Sq ft**

## 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 3rd generation inner fibreglass grid, high-load zones cut out and re-laminated, drainage system through structure, special emergency repair zone in keel area
- Deck Prisma Process® 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
- Telescopic swim ladder
- 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® 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 teak
- UV stabilised varnish
- Light oak laminate floorboards
- Numerous solid wood mouldings

### TECHNICAL

#### Electrical

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

#### Water systems

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

#### Engine

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

## TRIM LEVELS AND PACKAGES

TRIM LEVEL	PREMIERE	PREFERENCE
12v freezer unit for 80L / 21 US Gal icebox	✓	✓
3 burner cooker and oven with grill function (replaces standard 2 burner cooker)	✓	✓
2 additional opening ports in the cockpit	✓	✓
DVD/CD/MP3 player with AUX input, 2 Bose® surround sound speakers in the saloon, 1 Bose® base unit and 2 waterproof exterior speakers located in the cockpit	✓	✓
2 x 40 amp battery chargers for 12V battery banks	✓	✓
Additional house bank batteries 2 X 115 A/H	✓	✓
Curtain set for windows, ports and hatches insect screens for hatches	✓	✓
GRP bowsprit with integrated anchor roller	✓	✓
LED navigation lights	✓	✓
Separate shower compartment with plexiglass door	✓	✓
Vertical access door to fridge compartment		✓
1 Harken 46.2 Electric winch on the coachroof for halyards and control lines, 12v in place of standard winch to port		✓

### NAVIGATION PACK

- Windex 15"
- Halyard bags in the cockpit
- Ball-bearing genoa lead cars and control lines lead to cockpit

### PERFORMANCE PACK

- Flex-o-fold 3-blade, folding propeller
- Dyneema® low-stretch halyards and sheets for main and genoa
- Dyform discontinuous standing rigging

## 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 53.00m² / 570 Sq ft
- In mast furling horizontally-cut in high-quality dacron 49.00 m²/527 Sq ft

#### Options

- Performance genoa 106% with UV protection in triradial cut mylar/taffeta 53.00 m²/570 Sq ft
- Self-tacking jib with UV protection in triradial cut mylar/taffeta laminate 44.00 m² / 473 Sq ft
- Performance, full-batten mainsail in triradial cut mylar/taffeta 61.00 m²/656 Sq ft
- dacron 49,00 m²/527 Sq ft
- Code 0 in triradial cut mylar/aramid laminate 97.00 m²/1044 Sq ft, with continuous line furler

### SAIL HANDLING

#### Standard

- Harken genoa tracks with adjustable lead cars
- Spinlock jammers
- Coachroof winches 2 x Harken 46.2ST
- Genoa winches 2 x Harken 50.2 self-tailing 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
- 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 1x19 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
- Lazy bag with offset zipper in Sunbrella® Taupe with integrated lazy jacks

## COCKPIT

### Standard

- Large cockpit table with storage compartments, 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
- Black, composite steering wheels
- Steering wheel covers Sunbrella® Taupe with zips for easy removal
- 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
- Cockpit cushions Sunbrella® Sling Taupe with back rests

## DECK HARDWARE

### Standard

- Bow pulpit stainless steel
- Stern pulpits stainless steel with buoy bracket and emergency ladder
- Toerail in PVC
- Mooring cleats: 6 x aluminium
- Stainless steel handrails on coachroof
- Deep anchor locker
- Vertical electric windlass 1500W - 12mm 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

- Linear drive unit for aft platform motorises raising and lowering platform with wireless remote
- Windlass control second windlass control mounted in cockpit with chain counter
- Protection teak rubrail, located on the hull
- Mooring kit 6 fenders and 4 docklines
- Anchoring kit Delta anchor 25 kg/55 lbs Delta, 40 m (131') of 12mm chain and 50 m (164') of line
- Electric seawater washdown pump 12V in anchor locker with hose and nozzle
- Lifeline gates

## SAIL LOCKER

### Standard

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

## LIGHTING

### Standard

- Direct LED lighting in saloon and cabins

### Options

- Indirect LED strip lighting (not available for all layouts)

## ELECTRICAL

### Standard

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

### Options

- Inverter 2000 W 12v/220v
- Generator ONAN 6Kw 220V 2400RPM 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/5US gal/min), 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 litre / 11 US Gal hot water tank that is connected to engine heat exchanger and 220v system
- Hot and cold cockpit shower on transom

#### GREY AND BLACK WATER

- Large manual pump marine toilets
- 2 x 80 litre / 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

### Options

- Electric Quiet-Flush toilets in place of standard, available for each head compartment
- Dessalator water maker located under port side settee in saloon, operates on 12V and 220V for maximum efficiency, capacity 60 L per hour

## ENGINE

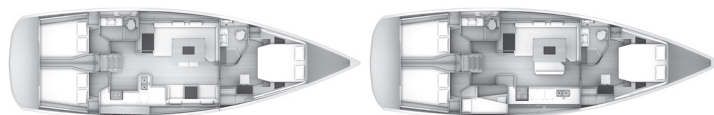
### Standard

- Latest-generation Common Rail engine with reduced emissions and consumption
- Engine Yanmar 4JH80CR Sail-Drive - 80 HP / 59Kw - Alternator 125A
- 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 24V with separate 24V OPTIMA REDTOP

## LAYOUTS



**Version A**  
1 forward cabin, 2 aft cabins,  
2 head compartments

**Version B**  
1 forward cabin, 1 aft lateral cabin, 2 aft  
cabins, 2 head compartments

### 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 floorboards

#### Options

- Dark Oak laminate floorboards
- Teak and holly laminate floorboards
- Woodwork in Alpi Light Oak with mouldings in solid Alpi Oak, UV stabilised varnish

#### 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
- 2 armchairs located to starboard (version A)
- Pullout bar cabinet with leatherette-lined table with bottle, glass storage and snack storage (version A)
- Central two-seat bench with storage (versions B)

#### Options

- Folding de luxe table in main saloon with bar and storage drawers in the fixed base
- 2 Armchairs in the saloon with lock down mechanism when underway (version A)
- Convertible berth in saloon with infill cushion for saloon table

#### Chart Table

- Chart table with leatherette worktop with opening compartment, space designed for laptop computer
- 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 (except version A)
- Large utensil drawer forward with storage below and room for optional equipment (only version A)
- 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

- Opening port above stovetop for ventilation
- Large, t-shaped galley to starboard of entryway allows 2 people to cook comfortably (version A)
- Long galley to starboard of entryway (versions B)

#### Comfort

- Cushions in high-density foam
- Premium mattresses

#### Options

- TV antenna for masthead with amplifier
- 24" LED TV mounted at nav station, pivots to be visible from settee and latches when underway, connected to DVD player and Bose® 2.1 Surround-sound system
- Cruisair® air conditioning 44000 BTU runs via shorepower or generator with 3 units Microwave installed in galley
- Washer and dryer unit 220V located forward cabin in hanging locker, capacity 5kg (not available for versions B)
- Dishwashing machine 220V located in cabinet forward of galley (version A)
- Wine cooler located in cabinet forward of galley (version A)
- Additional fridge located in cabinet forward of galley (version A)
- Eberspacher® circulating water heating system 12,000W with outlets in all cabins and toilets

#### Forward owner's cabin

- (versions A & B)
- Extra wide cabin door for easy access (56 cm/1'10")
- Double berth with high-density foam mattress 203 cm x 160 cm / 6'8" x 5'2"
- Large hanging locker to starboard
- Additional hanging locker to port
- LED reading lights and overhead led lighting
- An office/vanity area with leatherette desktop, mirror and storage area with light
- Pneumatically-assisted opening storage cabinets under side deck
- Full-length mirror
- Handrail with leather wrap
- Opening deck hatches, for light and ventilation
- 2 large fixed hull ports
- 2 large storage drawers under berth + storage under berth with top access
- Night tables with leatherette lining
- Washrooms: solid surface countertop and moulded sink, storage cabinets, deck hatch to provide light and ventilation, LED overhead lighting and task lighting, standing shower separated by a plexiglass door (option), shower drain with switch, marine toilet with manual pump, clothes hook and towel bar, mirror

#### Options

- Mattress battens for owner's cabin berth
- Indirect led lighting under upper storage cabinets
- TV LED

#### 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 205cmx144 cm / 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

#### Option

- LED lighting along berth

## HEADROOM

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



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