

# Technical specifications

Length overall	11,74 m / 38'6"
Waterline length	11,57 m / 38'
Beam	6,76 m / 22'2"
Air draft	18,42 m / 60'5"
Draft	1,35 m / 4′5″
Displacement (CE)	10,89 T / 24,001 Lbs
Upwind sail area (Standard mainsail)	77 m² / 829 sq.ft
Upwind sail area (Optional mainsail)	80 m² / 861 sq.ft
Full battened mainsail	45 m² / 484 sq.ft
Square top mainsail (option)	48 m² / 516 sq.ft
Self-tacking jib	32 m² / 344 sq.ft
Code 0 (option)	63 m² / 678 sq.ft
Fresh water capacity	300 L / 79 US gal
Fuel capacity	400 L / 106 US gal
Engines	2 x 45 CV / HP YANMAR
Architects	VPLP Design
Exterior design	Patrick le Quément
Interior design	Nauta Design
Number of berths	4 to 12
CE certification	A:14 - B:14 - C:20 - D:30

## North American Specifications

#### ONLY FOR BOATS SOLD IN US

- 110V electric panel and electric equipment
- US 110V outlets
- Gas propane circuit with solenoid valve

#### Construction

- Polyester and high quality anti-osmotic resin
- Hull, deck and coachroof laminated by infusion
- Balsa core hull and deck, white gel coat
- Laminated or glued plywood

#### Steering gear

- 2 suspended rudder blades
- Hydraulic steering transmission
- Emergency tiller

## Sails and rigging

#### SAILS

- High roach mainsail in Dacron with battens
- Self-tacking jib in Dacron with UV protective band

#### STANDING RIGGING

- · Anodized aluminium mast on the roof
- Anodized aluminium boom
- 1 spreader rig
- Coated shrouds
- Furling forestay for self-tacking jib
- 2 forestay chainplates and 1 shroud chainplates
- Ajustable lazy-jacks

## RUNNING RIGGING

- Mainsail halyard
- · Self-tacking jib halyard
- Mainsheet
- Self-tacking jib sheets
- 2 reefing lines
- · Self-tacking jib furling line
- Mainsail traveler lines
- Boom uphaul
- Mainsheet fuse

## Hardware

- 2 manual winches size 40.2 STA
- Footblocks & clutches for halyards, reefing lines and sheets
- · Mainsail track and ball-bearing car
- Track and car for self-tacking jib sheet with stopper
- Anodized aluminium crossbeam with fixing point for the self-tacking jib furler, and anchor roller

#### Mooring

- Composite longitudinal crossbeam with integrated chain run and mooring cleat
- 8 mooring cleats
- 1000W / 12V electrical windlass with vertical axis, chain 10 mm

#### **Engines**

- 2 diesel engines YANMAR 4JH45 45CV SailDrive
- Fixed three blade propeller
- Sea water filter
- Mechanical engine throttles at the helm station
- Engine compartment ventilation: 12V electrical extraction in the aft transom
- Fuel circuit:
  - 2 rotomoulded tanks of 200L / 53 US gal
  - Fuel filter systems
  - Fuel shut off valve
  - Gauge at the general control panel on touch screen

#### Plumbing

#### FRESH WATER CIRCUIT

- Fresh water tank: 300L / 79 US gal with gauge at the chart table
- Fresh water circuit with 1 main water group 18,5L/mn
- Hot water circuit with 25L / 7 US gal water heater and engine exchanger

#### **GREY WATER CIRCUIT**

- Shower and sink draining by automatic water sensor with timer
- Grey water drainage cockpit and salon direct to the sea

## BLACK WATER CIRCUIT

- Black water holding tanks:
  - 3-cabin, 2 heads version: 2 x 80L (160L / 42 US gal)
  - 4-cabin, 2 heads version: 2 x 80L (160L / 42 US gal)
  - 4-cabin, 4 heads version: 4 x 80L (320L / 85 US gal)
- Tank drain by gravity or deck plate

#### **BILGE PUMP CIRCUIT**

- 1 manual bilge pump per hull
- 1 automatic immersed bilge pump per hull, with alarm signal
- Self-draining cockpit compliant to the CE certifications

# Electrical

 Seanapps® connectivity - Battery voltage and GPS position on mobile app

#### DC POWER CIRCUIT - 12V

- 2 harnessed alternators 125A
- 2 engine batteries 50A (AGM)
- 2 service batteries 140A (AGM)
- Battery circuit breakers in the engine compartments

# DISTRIBUTION ELECTRIC PANEL

- General control panel 12V at chart table
- USB sockets 12V included in the electrical panel

#### LIGHTING

- 12V LED interior lighting and reading lights
- 12V lighting in engine compartment
- LED navigation lights
- Deck light on mast

## Deck layout

#### **TRANSOM**

- · Hot/cold deck shower on port side
- S/S telescopic swim ladder with fixed handles on portside
- Storage on the sides of the transoms (port and starboard)

#### **AFT COCKPIT**

- · L-shaped bench on port side
- Gas locker
- Polyester cockpit table
- · Lounger with locker on starboard
- Composite aft beam:
  - Seats
  - Liferaft
- · Cockpit flush-decked with saloon
- · Composite non-streaming toe rails on cockpit sides
- Non-slip cockpit floor
- Self-draining cockpit with wooden grating

# HELM STATION

- · Composite staircases to access from the cockpit
- · Double helm seat
- Leather covered steering wheel ø800mm
- Engine throttles and panel
- · Console for screen and instrumentation
- Storage bag for halyards

#### FORWARD COCKPIT

- Large hatches for technical access
- Nylon netting

#### **BOW LOCKERS**

- Access through LEWMAR T60 deck hatches
- Wooden floor
- LED lighting

## STANCHIONS AND LIFELINES

- Pushpits: H610 mm / 24in
- 6 stanchions: H610 mm / 24in
- Double S/S lifelines

#### Interior layouts

#### GENERAL

- Construction in Alpi Sand Oak plywood, horizontal grain
- · Laminated floor: Dark Oak
- 100% recycled upholstery, adapted to the marine environment
- Ceiling and hull linings in padded PVC foam
- Eco-Cleaning Pack
- Furniture interiors in Okoumé finish

#### GALLEY

- Port side:
  - L-shaped galley
  - Laminated countertop
  - Large s/s sink with laminated cover
  - Hot/cold mixer tap
  - 3-burner gas stove
  - Gas oven
  - 12V 130L / 34 US gal refrigerator
  - Low and high storage lockers with shelves and drawers

#### SALON

- L-shaped sofa
- Wooden dining table
- Lockers under the sofa
- · Chart table with control panel and storage
- 2 opening hatches on the front windows (482 x 342 mm / 1'7" x 1'1")

#### OWNER'S CABIN

- Double bed with lateral access (2,00 x 1,60 m / 6'7" x 5'3")
- Treated cellular foam mattress
- Under bed storage
- · Storage units with shelves, drawers and wardrobe
  - Sofa
- Desk and 1 stool
- T44 and T10 opening flush deck hatches
- Fixed hull window in PMMA with integrated opening porthole and roller blind

#### OWNER'S HEAD

- Private access from the Owner's cabin
- Composite countertop
- Integrated sink with hot/cold mixer tap
- High and low-level storage units
- Separated shower with PMMA door
- Manual toilet
- T44 opening flush deck hatch
- Fixed hull window in PMMA with integrated opening porthole

#### **AFT CABINS**

- Double bed with front access (2,00 x 1,60 m / 6'7" x 5'3")
- Treated cellular foam mattress
- Under bed storage
- Storage units with shelves and wardrobe
- T44 opening flush deck hatch
- Fixed hull window in PMMA with integrated opening portholes roller blind

#### **FORWARD CABINS**

- Double bed with front access (2,00 x 1,60 m / 6'7" x 5'3")
- · Treated cellular foam mattress
- Under bed storage
- Storage units with shelves and wardrobe
- T44 opening flush deck hatch
- Fixed hull window in PMMA with integrated opening portholes

#### HEADS

- Composite countertop
- Integrated sink with hot/cold mixer tap
- High and low-level storage units
- Separated shower with PMMA door
- Manual toilet
- T10 opening flush deck hatch



162, quai de Brazza CS 81217 33072 Bordeaux Cedex - France Tél. 33 + (0) 557 80 92 80

E-mail: info@cata-lagoon.com www.cata-lagoon.com