Sunreef 80 Eco
Marie-Joseph



Sunreef Yachts



TOTAL LIVING SPACE

340m

8 GUESTS

4 CABINS


SUSTAINABLE YACHTING:
A 360° EXPERIENCE



SILENCE & COMFORT

No fumes, no vibration. Complete silence is the utmost of luxury on board

MAINTENANCE FREE

Sunreef Yachts Eco catamarans harness, store and use clean energy with green technologies that require little to no maintenance

NO CO2 EMISSIONS

Enjoy unlimited range and massive fuel savings with zero to minimal Co2 emissions

RESPONSIBLE

Leave no trace. Navigate in silence, generate power and fresh water without pollution

GREEN LUXURY

Experience designer aesthetics and environmental sustainability together with endless options for customization

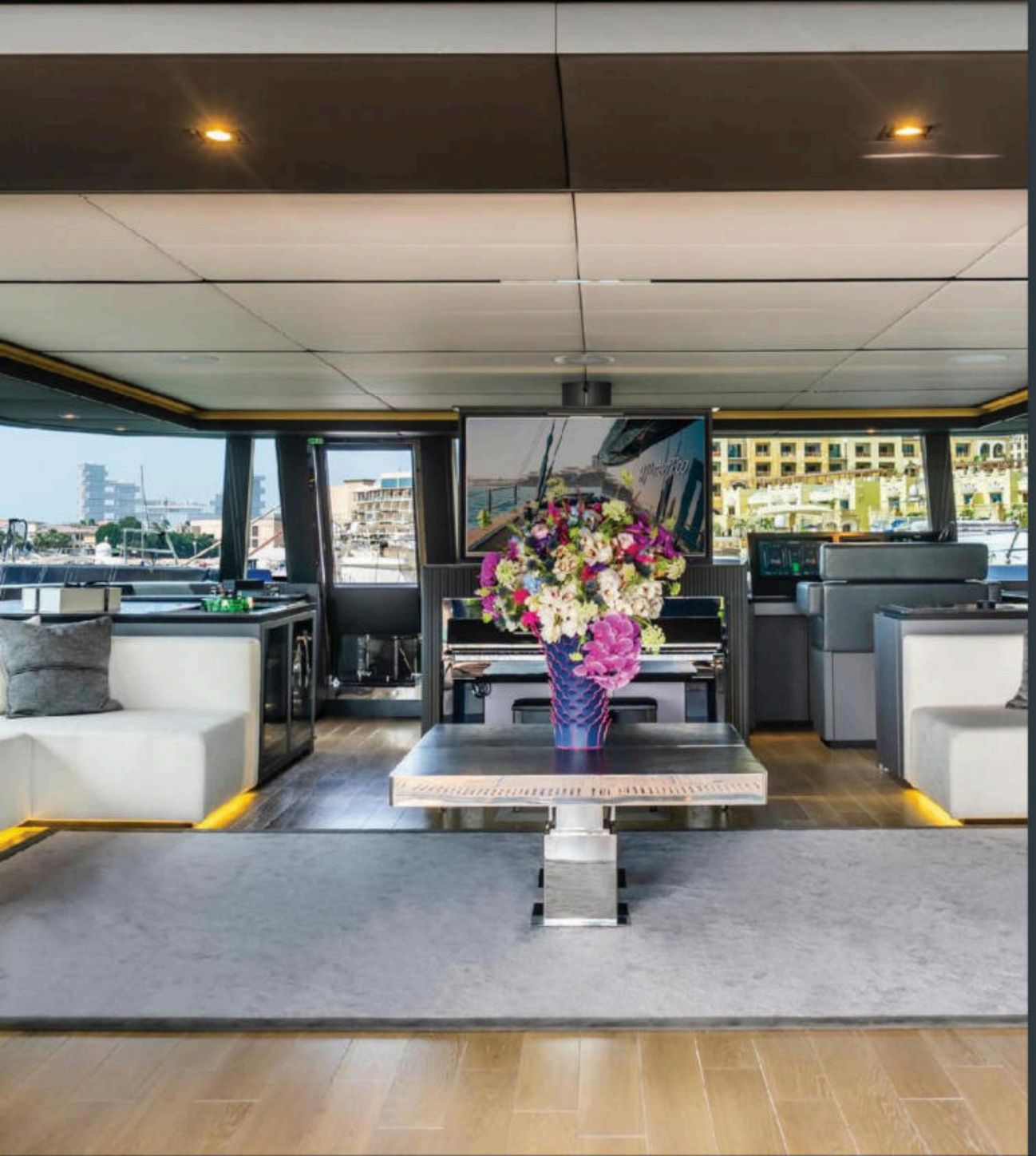
GREEN PROPULSION

Sunreef Yachts offers a variety of energy-efficient propulsion solutions including fully electric engines and hybrid systems, all adapted to every owner's navigation plans. The shipyard is also exploring the potential of hydrogen propulsion with a first unit in construction.

SOLAR POWER REINVENTED

Ultralight, thin and flexible, Sunreef Yachts' solar panels are an industry-first solution. In-house designed and manufactured they can be easily mounted anywhere on the yacht's surfaces to create a "solar skin" delivering unprecedented performance.





CUSTOM ENGINEERED BATTERY BANKS

Sunreef Yachts are equipped with dedicated, custom engineered battery banks developed exclusively for every model in the range. With a density below 5,2 kg per kWh, Sunreef Yachts Eco batteries are close to 30% lighter than the systems commonly used in the yachting world. They can be recharged in various voltage ranges across the world.

AIR CONDITIONING

Sunreef Yachts Eco uses the industry's most energy efficient air conditioning, consuming 50% or less power than any other system available. Equipped with a BLDC motor compressor controlled by an electrical inverter, the system is DC-powered, light, quiet and provides excellent humidity control.

STYLE, SPACE AND COMFORT

DESTINED FOR EXTENDED VOYAGES

The Sunreef 80 Eco is a fully autonomous luxury catamaran using revolutionary green tech for fuel-free cruising in complete silence.





HULLS


dish washer
stacked laundry machine
Galley
freezer under floor
oven + coffee machine
freezer
fridge
Mid-ship cabin
bed 160x200cm
Front cabin
bed 160x200cm
FOREPEAK CREW CABIN
bed 80x198cm
TECHNICAL AREA
TECHNICAL AREA
TECHNICAL AREA
TECHNICAL AREA
Crew cabin
bunk bed 90x200cm
180x200cm electric lifting system
Master cabin
pop-up TV
bed 160x200cm
Front cabin
FOREPEAK CREW CABIN
bed 80x198cm

A launch of 2022, this sailing catamaran welcomes up to eight guests on board. Her starboard hull houses an opulent and light-filled master suite, fitted with a double bed, a walk-in dressing, a pop-up TV, sofa, and vanity desk. The generous ensuite bathroom follows the contemporary style of the master stateroom.



MASTER
MASTER BEDROOM


MASTER
MASTER BEDROOM


MASTER



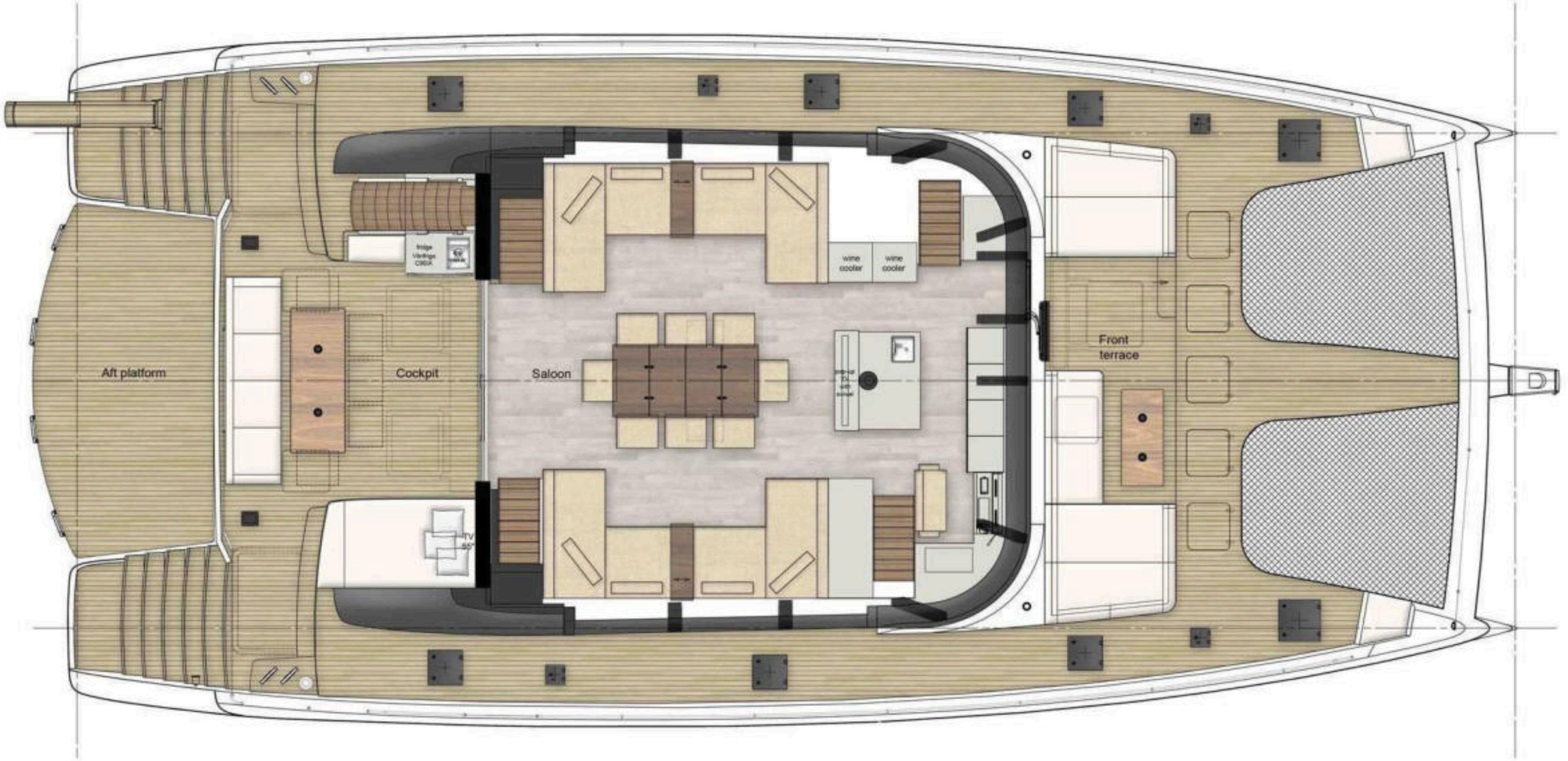


Her custom layout also includes a large VIP cabin in the middle section of the portside hull as well as two identical guest cabins in the bow portion of each hull. Portside of the main deck, the yacht's galley provides plenty of storage options and is fully equipped with restaurant quality amenities.





MAIN DECK

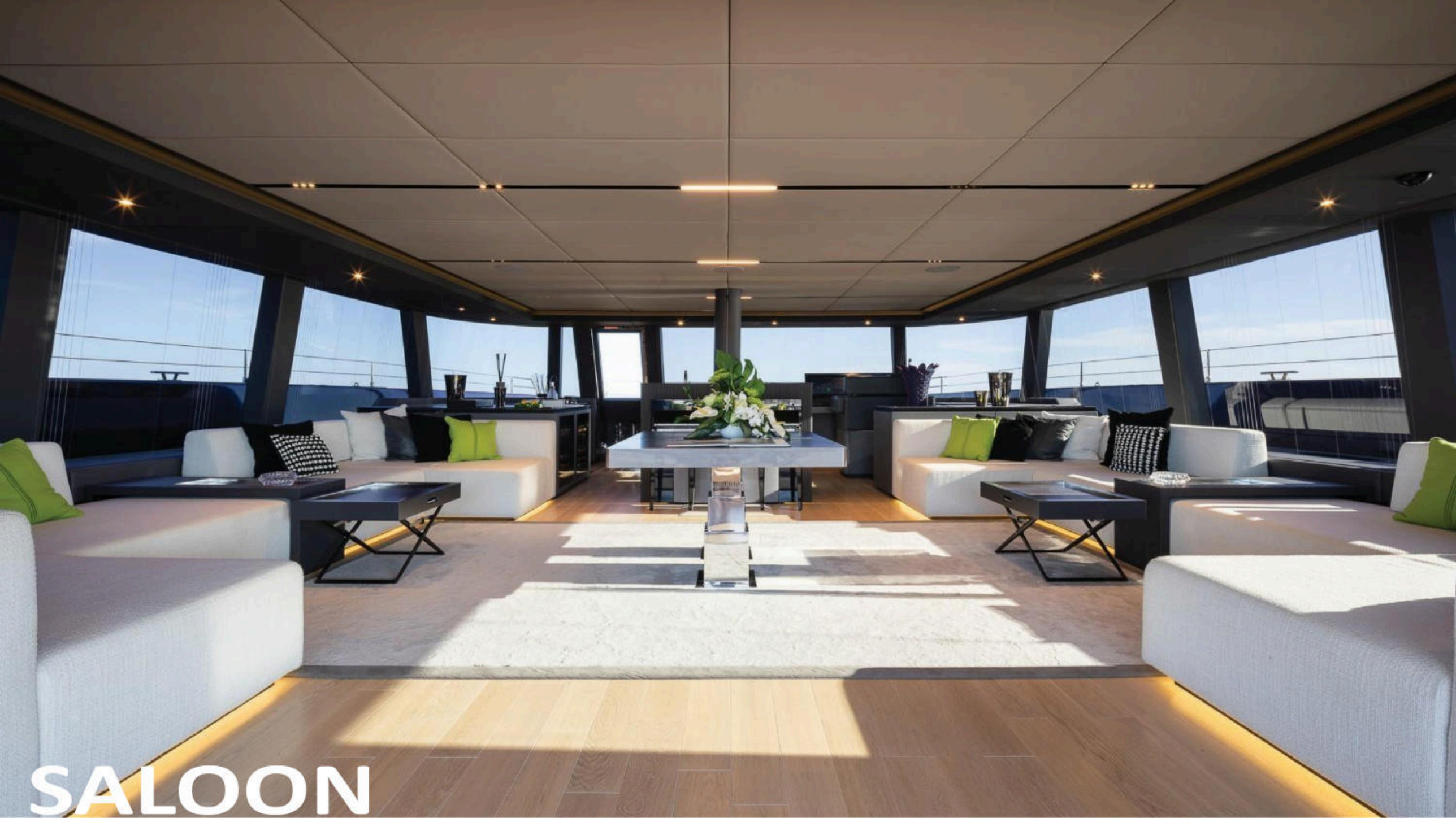

Aft platform
Cockpit
Saloon
Front terrace
wine cooler
wine cooler



THE INGENIOUS DESIGN

CLASSIC MODERNITY

The main deck saloon offers lots of lounging and dining space with two oversized settees and a convertible table amidships. Towards the bow, the Sunreef 80 Eco features a fully equipped bar with a piano and a pop-up TV.



SALOON



COCKPIT

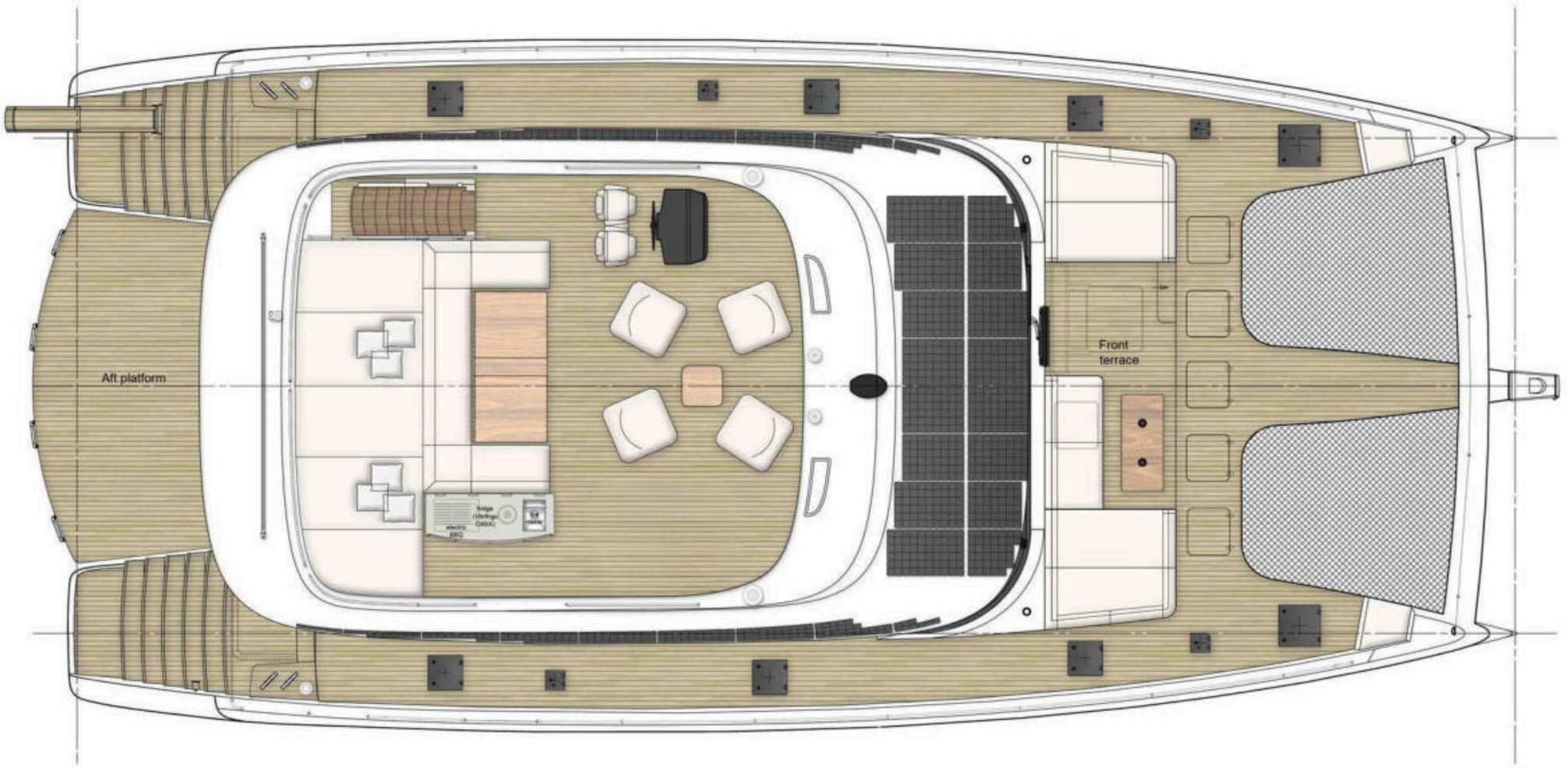


COCKPIT


TERRACE


TERRACE

FLYBRIDGE



RETREAT AND RELAX

This sailing catamaran's flybridge boasts impressive lounging areas, big sunpads and, a wet bar. Inside the aft cockpit, guests enjoy a full-beam relaxation space with a large daybed, a dining table, and swim platform.





BRIDGE



The Sunreef 80 Eco's sail wardrobe includes a 200m² main sail, 155m² Genoa, 340m² gennaker and 70m² staysail. While under sail, the yacht produces green energy continuously with her technologically advanced hydrogeneration system.

Built by Sunreef Yachts, this electric catamaran’s carbon mast was fitted with composite-integrated solar panels. Below the main deck, the yacht’s battery bank consists of custom-engineered batteries combining light weight with outstanding efficiency. Furthermore, the Sunreef 80 Eco’s air conditioning is the lightest and most efficient in the marine industry.



MAIN DATA

CONSTRUCTION	Composite
NAVAL ARCHITECTURE	Sunreef Yachts
CATEGORY	A
LENGTH OVERALL	23.87 m/ 80 ft
BREADTH OVERALL	11,53 m/ 37,9 ft
DRAFT	2,2 m
WATER CAPACITY	1600l
ENGINES	2x 180kw
FUEL TANKS	6000L
MAIN SAIL	200m2/2152,7ft2
GENOA	155m2/1668,4 ft2





MODEL VERSION

GALLEY DOWN, MASTER CABIN, 3 GUEST CABINS, 1 CREW CABIN, ONE SINGLE BED CREW CABIN IN EACH FOREPEAK

- Hulls, deck, flybridge and all structural bulkheads are made of E-glass sandwich laminate in infusion technology
- Hull external osmosis protection provided by vinylester resin
- Extended reinforced longitudinal beam
- Bow seats (one per each hull)
- Full composite hard top bimini with integrated lights and fixed skylights – UPGRADE

RIGGING AND SAILS

Rigging (Mast and boom)

- Carbon performance mast - UPGRADE
- Carbon Boom (Park Avenue) – UPGRADE
- Mast steps up to boom level

NORTH SAIL PACKAGE – UPGRADE

- Square Top Mainsail 3Di OCEAN 700 35,000 Dpi
- C- Tech Carbon Battens to suit square top mainsail
- Furling Jib 3Di OCEAN 700 35,000 Dpi
- Furling Inner Jib 3Di OCEAN 700 32,000 Dpi
- Helix Furling Gennaker Code-Tec Polyester 135P (135gm / 3.1oz)
- KZ10 Swivel and Full luff integrator
- Hardware for sails, cars/headboard





MAIN MACHINERY, PROPULSION AND MANEUVERING EQUIPMENT

- Stainless steel propeller shafts
- Fixed pitch propellers (3 blade) with rope cutters
- 2x electric motors 180 kW – UPGRADE
- Main engines instruments including speed control levers at the navigation table
- 2x Volvo D3 150Hp 75kW each
- AGM starting batteries for genset – UPGRADE
- SOLAR PANELS - on the hulls, flybridge structure and bimini – UPGRADE
- Battery bank: 475kWh
- 2x Rudders (E - glass sandwich laminate in infusion technology)
- 2x Rudder stocks (a luminium alloy)
- 2x Sets of self - aligning lower and top bearings
- 2x Emergency tillers
- Set of Hydraulic steering system
- Y-spoke carbon steering wheel (diameter 1100 mm) – UPGRADE

2xbow thruster: electric 31kW (42HP) Twin Counter rotating 5- blade – UPGRADE

DECK EQUIPMENT

- 10 x O sculati Nordik cleats installed symmetrically on the deck edge
- 2x small SeaSmart pop - up cleats
- 4x25mlengthmooringropesand8fenders(147x46cm)
- 4x retractable mooring capstans
- Flush hatches on deck
- Swim ladder on the skirts
- Hydraulic pasarelle 1200k g with teak and railing around – UPGRADE
- Anchors - UPGRADE

  Main - Ultramarine 130kg with 14mm, 200 m chain locker

  Secondary - FOB ROCK VHHP 90kg with 11mm, 110 m chain locker

  Kedge - FOB HP 20kg with 10mm 20 m chain locker Grey nets (trampoline) – UPGRADE

  Flybridge,bimini,mastwithboom , crossbeamincolor–UPGRADE
- Deck in color – UPGRADE
- Cockpit bar module in color – UPGRADE
- Flybridge bar module i n color – UPGRADE
- Wider swim ladder, steps width at least 12 cm – UPGRADE
- Cockpit and skirts floor covered with teak – UPGRADE
- Deck covered with teak and installed flush hatches – UPGRADE
- Flybridge covered with teak – UPGRADE
- Antifouling (with Epoxy primer)
- Sliding door from cockpit to saloon (manual operated) - Stainless steel frames
- Pantograph fore access doors
- Fixed windows (tinted glass) on Main Deck
- Fixed portlights (Lewmar)
- Big portlight windows in 2 cabins c omined with electric blinds – UPGRADE
- 6x Dedon chairs + 2 x poufs – UPGRADE
- Macerator inthegalley –UPGRADE
- All outside tables with up/down function – UPGRADE
- All outside upholstery and cushions made of synthetic fabric (Sunbrella)
- Flybridge cushions and mattresses
- Cockpit and front deck mattresses
- Decorative pillows (25 pcs)
- Bar module in cockpit – UPGRADE
- Bar module on flybridge – UPGRADE UPGRADES:
- Bimini windshield -transparent canvas only for the front

  Bimini windshield -transparent canvas for 3 more sides

  Cockpit windshield-transparent canvas

EXTERIOR

Flybridge helm station :

- Raymarine RCR SD card reader and USB
  Raymarine Axiom XL 16'' multifunction display
- Propulsion system 16'' display
- Raymarine Ray90 VHF
- Rokk waterproof USB socket
- Lighting control panel
- Basic yacht control panel
- Raymarine i70s multifunctional displays
- Plastimo compass
- Raymarine P70s autopilot control head
- Traveller port/ s tbd switch
- Acrartex searchlight remote control
- Raymarine cameras joystick control unit
- Raymarine RMK - 10 remote keypad
- Engine control lever
- Thruster control lever
- Jefa steering wheel

INTERIOR

Saloon helm station :

- Electrical system 21.5" display
- Microsoft Surface GO 2 tab for WAGO control
- Raymarine Axiom XL 16'' multifunction display
- Engine emergency stop buttons with basic control panel
- Raymarine p70Rs autopilot control head
- Raymarine RMK -1 0 remote keypad
- Raymarine cameras joystick control unit
- Raymarine Ray90 VHF
- Engine control lever
- Philippi electrical system monitor
- Furuno Navtex receiver
- Marinco 12 V DC socket
- Vetus exhaust temperature alarm
- Bluesea Systems USB charger socket
- Fireboy control panel (port engine room)
- Fireboy control panel (stbd engine room)
- Furuno Inmarsat -C mobile earth station GMDSS
- Jabsco bilge system control panel
- Sea Recovery Parker watermaker control panel

PIPING SYSTEMS

- 2x 3000L fuel oil tanks – UPGRADE
- 4x Electrical bilge pumps
- 2x Bilge pump in each forepeak
- 2x Manual bilge pumps
- Set of piping and valves for bilge pumping
- 2x manual emergency pumps
- Fresh water tank with manual readout level indicators (volume 1600 l)
- Fresh water pressurizing pump
- Fresh water heaters (100 l capacity each)
- Fresh water inlet (Connection between the boat's water network and the shore water supply)
- Hand shower on deck
- Shower head on the cockpit ceiling with mixing valve – UPGRADE
- Watermaker 280 l/h - 230 V – UPGRADE
- 3x water pressure outlets (flybridge sink, stbd aft stairs, forward terrace)
- 1xwaterpressureinlet (stbdaftstairs- insidethelocker)
- 1x deck hand shower (stbd aft stairs - inside the lockers)
- 1x removable shower pole (s tbd aft stairs)
- Retractable hose (5mb) in chain locker for chain wash
- Electric Sewage discharge pump
- Electric toilets 24V in bathrooms with fresh water flush
- Grey water tank 1x 1150 L – UPGRADE
- Black water tank 1x 1150 L – UPGRADE

UPGRADES:

- Air conditioning system: 24,000 BTU - 7K W (technical area), 170,600 BTU - 50 KW
- Electric diving compressor Bauer Junior II
- Diving bottles holder + 6x 10 l Scubapro diving bottles

ELECTRICAL SYSTEMS

- Alternators Mastervolt Alpha Pro 24V/110A
- Batteries Main Service 25,6V/109,2Ah/2,8kW – UPGRADE
- 4x Starting batteries 24V/165Ah
- 16 x (8 per each side) bow thrusters batteries 12V/100Ah – UPGRADE

Inverters :

- 4x Victron energy 230 V AC 50Hz , 5000 VA / 4500W
- 3x Victron energy 120 V Ac 60 Hz , 3000 VA / 2500W
- 230 V @ 50 Hz sockets: three (3) sockets per cabin, four (4) in Saloon, four (4) in Dining Area, four (4) in Galley
- USB charging sockets: two (2) per each cabin and two (2) for Saloon
- Induction chargers for smartphones and tablets (one (1) in Saloon and one (1) in Master Cabin) – UPGRADE
- 1 phase 6kw charger,85 to 250V and 47 to 63HZ, below 180V supply the output,4kw charge
- 3x phase 18kw charger,150 to 450V and 47 to 63HZ, below 300V supply the output 9kw charge
- 3x DC / DC converters to supply up to 3kW to the 24V house battery
- 10 " display (basic PMS functions: alarms and system overview for HV Battery Banks and Main Electric Motors)



NAVIGATION EQUIPMENT

- Navigation lights with LED lamps
- Position lights LED
- Compass (size 135mm)
- Chronometer
- Barometer
- 2x External thermal camera – UPGRADE
- 1x External night vision camera – UPGRADE
- Raymarine Axiom 12" Touch Multifunction Display
- Raymarine RD424HD 24" 4kW 608mm digital radome radar
- Raymarine Evolution autopilot
- Raymarine AIS700 - Automatic Identification System
- Multisensor(depth,speed&temperaturesensor)
- Wind sensor
- GPS
- Raymarine Modular Dual - Station VHF Radio System Ray90

Automation system (D omotic) with following functions shall be installed : Control:

- Lighting with dimming
- Navigation lights
- Control of valves and pumps of black water

Measurement:

- Tank level monitoring with alarm: fresh water, black water, fuel
- Battery and charger monitoring with alarm: starter/ main batteries bank/ emergency batteries (if installed)
- Measurement of temperature in the engine room)

LIGHTS

- Deck light
- Interior lighting with LED lamps
- Lights in the engine rooms
- Spot lights on skirt's steps and sidewalks
- Spot lights on front terrace deck and cockpit ceiling
- Domotic smart system controiling lights (including dimmers for ceiling lights)
- Exterior lighting package – underlighting of fixed furniture on flybridge and cockpit – LEDstripeinwhite;cockpitceilingtwoLEDstripessurrounding, LED white stripes on skirts, bimini LED stripe surrounding in white
- Underwater lights LED RGBW - 12 PCS – UPGRADE
- Mast LED courtesy lighting – UPGRADE

AUDIO-VIDEO AND IT EQUIPMENT AND SERVICES

- HI - FI SYSTEM Saloon:

  Yamaha Horne Cinema Receiver 7,2 + 5x ceiling premium speakers + active subwoofer

  2waterproof speakers in the cockpit and 4 in the flybridge

  4 waterproof speakers in the front terrace
- Hi- Fi SYSTEM Cabins:

  Yamaha Power Network Receiver + 2 x premium speakers
- TV:

  Each cabin - TV 32''

  Master cabin - TV 40''

  5a loon - TV 55'' with up/down lifting system

• Waterproof Widescreen LED TV 55” with installation outside – UPGRADE

• Terrestrial TV antenna – UPGRADE

- 2x Safe
- Digital Cloud (wifi network for movies and music) – UPGRADE
- 5G /LTE Wifi antenna worldwide – UPGRADE

SAFETY EQUIPMENT

- Complete rescue equipment with life - rafts for 16 persons
- EPIRB
- 6 red parachutes rockets
- 6 red hand flares
- 2 floating smoke signals
- Adaptation for commercial requirements




80's Sunreef