

60 Sunreef Power Eco

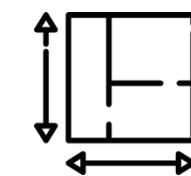




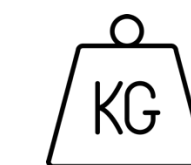
OUTSTANDING FEATURES



Transoceanic
capabilities



42m²
flybridge



Hydraulic aft platform
with **700kg** capacity

The floor plan of the yacht 'SUNSHINE' is divided into several functional areas:

- Garage:** Located at the stern, it houses a Williams Sportjet 435 and includes an aft platform, hydraulic gangway, and storage compartments.
- Cockpit:** Features a rest-lounge with a foldable backrest, a table, and a cockpit area.
- Saloon:** The central living area, containing a sofa, a fixed table, a coffee table, and a book recess. It also includes a TV on an extendable arm (55") and a lamp.
- Front Terrace:** Includes a sofa, a table, and a sunpad.
- Storage:** Multiple storage compartments are distributed throughout the yacht, including a large storage area in the garage and smaller units in the saloon and front terrace.
- Other Features:** The plan also shows a petrol canister compartment, bean bags, a pool with tray, a seabob compartment, a wine cooler, a table with water filter, a front terrace access, a foldable backrest, and a sunpad.

A scale bar at the bottom indicates measurements in feet (0 to 60) and meters (0 to 15).





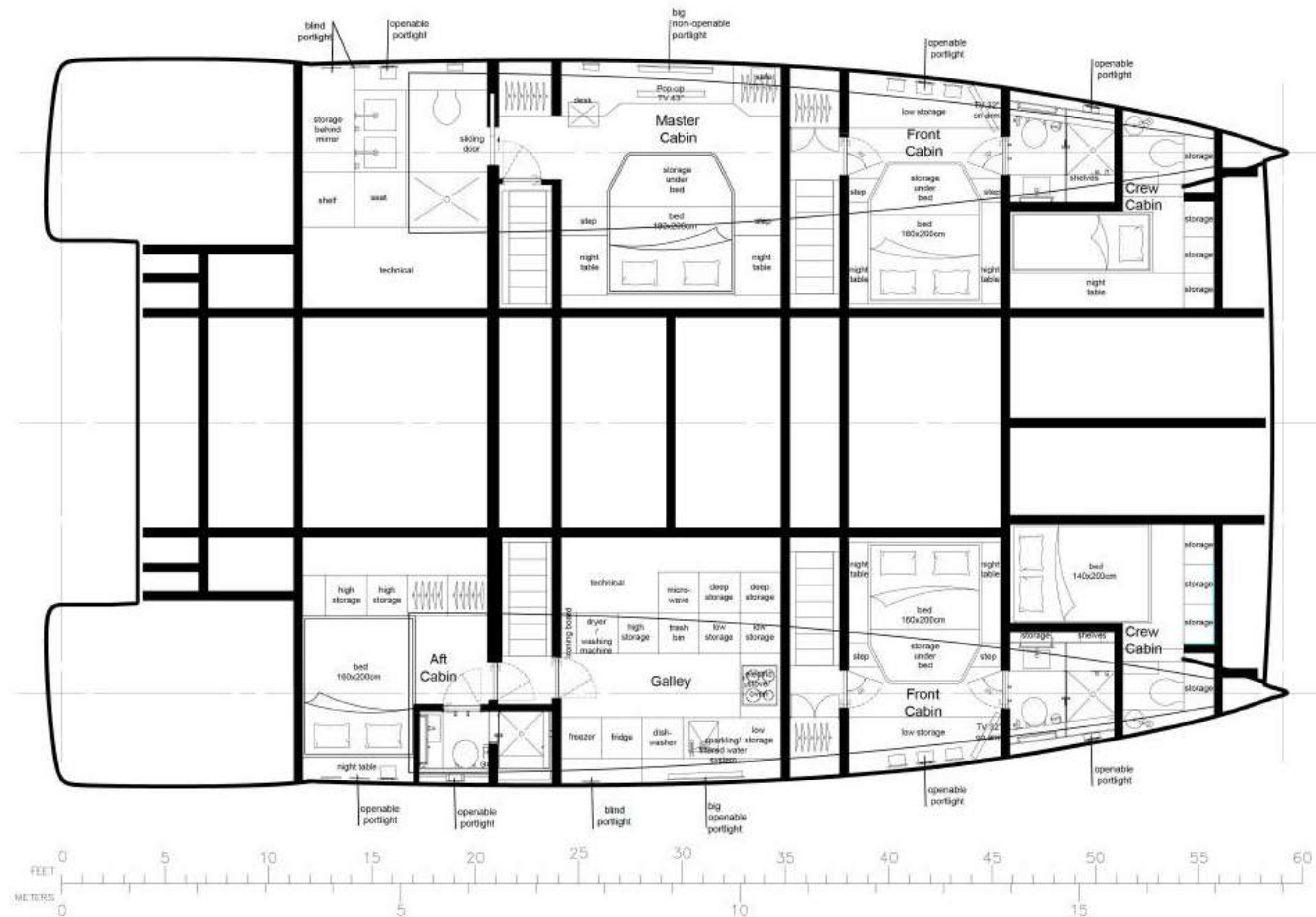








HULLS





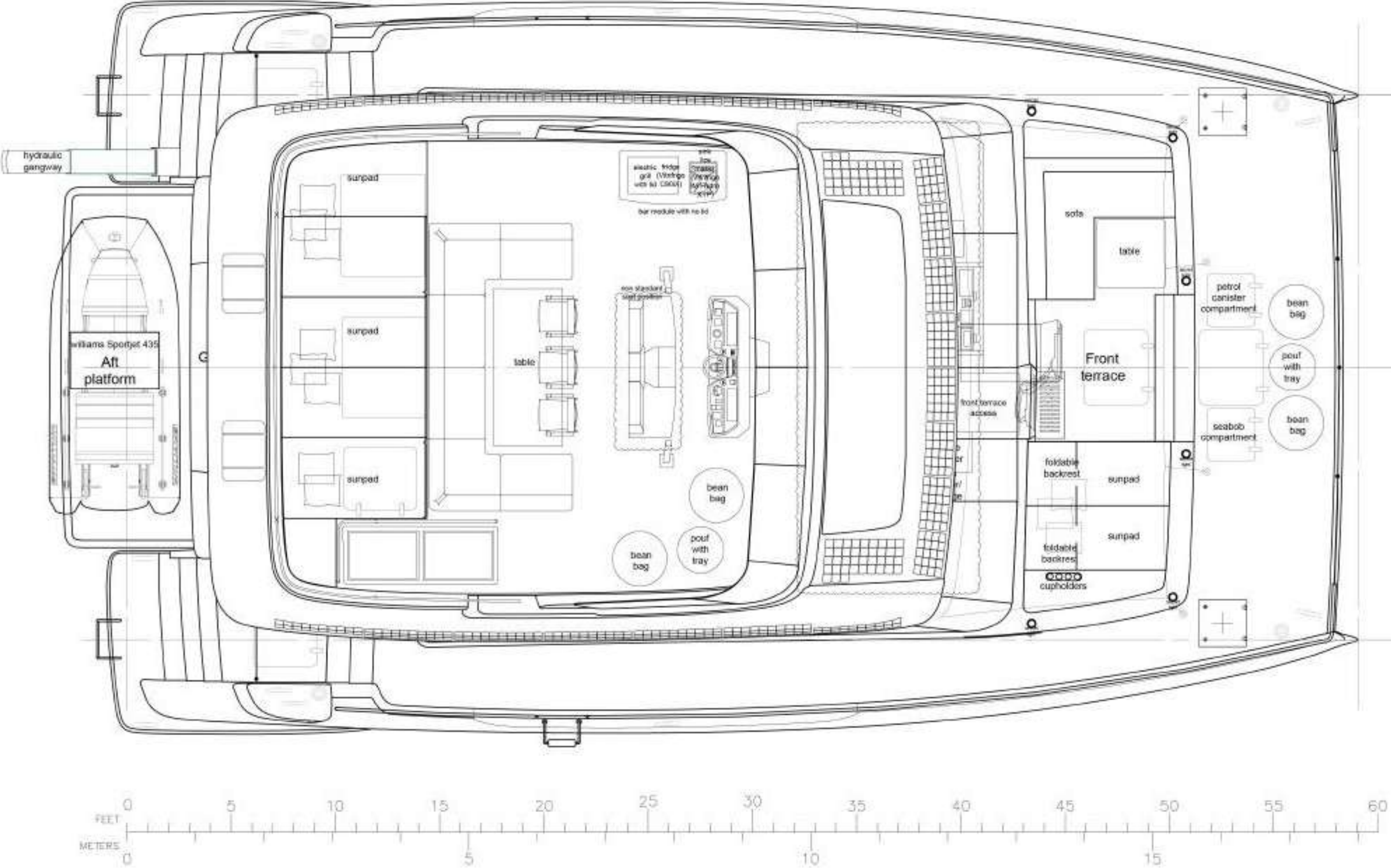








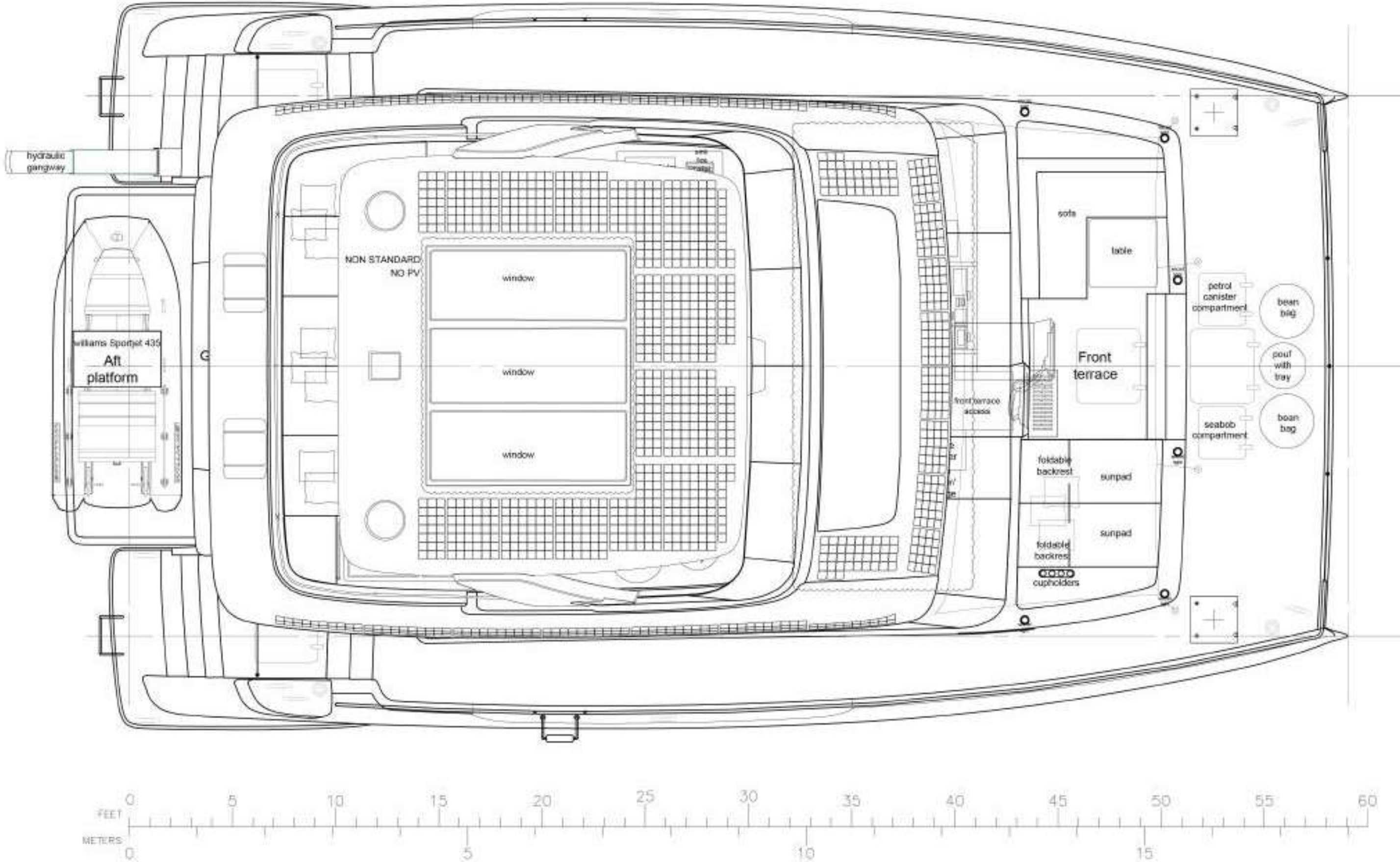
FLYBRIDGE







SOLAR PANELS





TOTAL LIVING SPACE

268 m²

GUESTS

8 + crew

4 CABIN LAYOUT

GALLEY DOWN

**LOWER
DECK**

MAIN DATA

CONSTRUCTION	Composite
NAVAL ARCHITECTURE	Sunreef Yachts
CATEGORY	A
LENGTH OVERALL	18.30 m/ 60 ft
BREADTH OVERALL	10,7 m
DRAFT	1,5 m
WATER CAPACITY	800l
ENGINES	2x120 kW
FUEL TANKS	2X5000L



MODEL VERSION

Custom layout with large master cabin in the hull, galley in the hull, 3 guest cabins + 2 crew cabins with separate entrance

Structure and hull finishing:

- Hulls, deck, flybridge and all structural bulkheads made of E-glass sandwich laminate in infusion technology.
- Hull external osmosis protection provided by vinylester resin

Bimini

- Composite hard top bimini on the flybridge with skylights and integrated lights

MAIN MACHINERY, PROPULSION AND MANEUVERING EQUIPMENT

Propulsion plant

- 2 x stainless steel propeller shafts
- 2 x Fixed pitch propellers (4 blade) with rope cutters
- 2 x Main propulsion electric motors 120 kW each
- Control station on flybridge (with set of propulsion and speed control panels with levers)
- Control station in saloon (with set of propulsion and speed control panels with levers)

Power Supply System

- Marine type generator sets (150 kW @ 622 V DC)

Renewable energy sources

- Solar panels (5.8 kWp installed)

Energy Storage System

- Special propulsion batterie bank 330 kWh (622 Volts)

Rudders and steering system

- 2 x Rudders bronze
- 2 x Rudder stocks (aluminium alloy)
- 2 x Sets of self-aligning lower and top bearings
- 2 x Emergency tillers
- Hydraulic steering system

Manouvering equipment upgrade

- 2 x Bow thrusters (intermittent operations)

DECK EQUIPMENT

Anchor equipment

- Windlass 2300W, 24V
- Anchor chain (diameter 13 mm DIN / 80 m length / galvanized)
- Galvanized anchor 66 kg CQR
- Emergency anchor 20 kg + 20 m rope
- Chain counter on flybridge navigation station

Mooring equipment

- Mooring kit (8 fenders + 4 mooring ropes)

Towing equipment

- Towing line (50 m)

Access equipment

- Flush hatches on deck (for forepeak access)
- Swim ladder on the skirts
- Hatch at the top of the stairway between cockpit and flybridge
- Hydraulic gangway
- Hydraulic platform 700kg capacity

Garge

- Garage for watertoys

INTERIOR

Floor covering

- Vinyl floor in saloon and cabins
- Decorative rug/carpet in saloon
- carpets in Cabins
- Teak floor in saloon, stairs
- Lucerna freestanding lamps for saloon

Walls and ceiling finishing

- Interior upholstered wall and ceiling panels in skai (rectangular shape panels)

Furnitures and interior outfitting

- Mat painted countertops in the cabins
- Interior wall and ceiling panels, sofas, headboards and beds in skai (artificial leather) or easy-clean fabrics
- Furniture and all interior panels made of individually selected wood of category A with mat polyurethane varnish (Wenge, Grey Oak, Bleached oak (white), Anegre)
- Loose furnitures: 5 saloon dining chairs, 4 cockpit dining chairs, cockpit dining table (Quartz sinter on the cockpit table)

Bathrooms

- Bathroom equipment (per bathroom): 1 towel rail, 2 hangers, 1 toilet brush, toilet paper holder depends on layout
- Bathrooms walls to be finished with glossy gelcoat + one wall with sintered quartz
- Accesories from makers Tres, Quick Marine, Standard Tupai, Stella, Teka
- Accesories with black finishing

Guest cabins

- Saloon - according to layout: one (1) fixed dinning table, one (1) sofa, one (1) coffee table, one (1) chair under navigation console
- Owner's cabin: one (1) storage with shelves, one (1) storage with hangers, two(2) night shelves, one (1) bed 160 x 200 cm
- Guest cabins: storage, two (2) night shelves, one (1) bed 160 x 200 cm
- Wall in the cabin with mirrors
- 1 (one) Safe in master cabin

Crew cabins

- Crew cabin: storage, night table, bunk bed
- Fitted forepeak Port Side - Comfort: double bed and bathroom with composite painted wall

- Fitted forepeak Starboard Side - Comfort: single bed and bathroom with composite painted wall
- Fitted forepeaks with Air Conditioning

Curtains and blinds

- Curtains and backdrops for entrance door (manual operated)
- Manual operated roman blinds in cabins
- Electrically operated recessed blinds (plisse) in saloon

Galley and household appliances

Galley and household appliances as listed - (Siemens or Bosch):

- Refrigerator with freezer
- Dishwasher
- Electric oven
- Cooker with hood
- One (1) Washing machine and One (1) Dryer – Miele
- Wine cooler for 32 bottles mounted in saloon

EXTERIOR

External hull painting system

- Antifouling (with Epoxy primer)
- Flybridge in lacquer
- Side of hulls laquered - metalized colour

Deck covering

- Cockpit and skirts floor covered with teak
- Deck covered with teak and installed flush hatches
- Flybridge covered with teak
- Hydraulic platform covered with teak

External Doors

- Sliding door from cockpit to saloon (manual operated) - Stainles steel frames
- Fore pantograph doors (saloon to fore open deck)

Windows

- Fixed windows (tinted glass) on Main Deck
- Fixed portlights (Lewmar)
- Fixed skylights (saloon fore area)
- Window wiper for nav station (SB) with spray down system

Windshields

- Bimini windshield - transparent canvas only for the front
- Bimini windshield - transparent canvas for 3 more sides

Open decks furniture

- All outside upholstery and cushions made of synthetic fabric (Sunbrella)
- Flybridge sunpad area (aft)
- Multifunctional full-size rest-lounge with foldable backrest (main deck aft)
- Main deck sunpad area (fore)
- Fixed sofa and table acc. to layout (main deck fore)
- Fixed sofa and table acc. to layout (flybridge) (only for version with no jacuzzi)
- Flybridge cushions and mattresses
- Cockpit and front deck mattresses
- Decorative pillows (25 pcs)
- Bar module in cockpit
- Sink with retractable faucet for the bar module
- Ice maker for the bar module
- Low fridge for the bar module
- Bar module on flybridge
- Sink with retractable faucet for the bar module
- Ice maker for the bar module
- Low fridge for the bar module
- Electric Stainless Steel BBQ

Covers for open deck equipment

- Cover kit for Navigation station, Flybridge tables)

PIPING SYSTEMS

Fuel System

- 2 x Fuel oil tanks 5000 l each
- Petrol canister compartment

Bilge System

- 4x Electrical bilge pumps
- 2 x Manual bilge pumps
- Piping and valves for bilge pumping
- Bilge pumps in forepeak (one per each)

Fresh Water

- Fresh water tank with electronic readout level indicators (volume 800 l)
- Fresh water pressurizing pump
- 2 x Fresh water heaters (80 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
- Second hand shower in the cockpit
- Additional sink with filtered water in saloon

Fresh Water Generation

- Watermaker 280l/h - 230V (EcoSistemas - energy saving)\

Deck Wash System

- Pressurized fresh water outlet on cockpit (female quick-coupling snap connector)
- Fresh water outlet for washing the deck
- Fresh water outlet in the cockpit
- Retractable hose (5mb) in chain locker for chain wash
- Additional water outlet

Sanitary Drains System

- Blackwater tanks 500l
- Electric Sewage discharge pump
- Electric toilets 24V in bathrooms with fresh water flush
- Grey water tank 800 l with electric pump for discharge with complete piping installation

HVAC System

- Air conditioning system - capacity 140 000 BTU/h (new technology ultra efficient – Energy Saving)

ELECTRICAL SYSTEMS

AC distribution system

- Main Switchboard AC 230V @ 50 Hz, 1 phase
- Inverters Charger for main battery bank (18 kW) [Power input from shore: 220V to 400V 3 phase AC @ 45 - 63 Hz] [For input from shore below 320V AC - charger output limited to 9 Kw]
- Shore connection power cord twenty (20) m long, three wire type
- 230V @ 50 Hz sockets: three (3) socket 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

Inverters and battery chargers

- 3 x Induction chargers for smartphones and tablets
- 6x External power socket
- ECO: Slave master pack controller
- ECO: Backup seawater pump

DC distribution system

- Main Switchboard 25.6V DC
- DC distribution system and wiring
- DC-DC charger for 24V battery bank

- Lithium battery banks (25.6V DC / 14,0 kWh)
- Sets of starting batteries for gensets
- Chargers for Genset starting batteries (one per each engine room)

Power Management System

- 10" display (basic PMS functions: alarms and system overview for HV Battery Banks and Main Electric Motors)

Automation system

Automation system (Domotic) 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

Lighting system

- Interior lighting with LED lamps
- Lights in the engine rooms
- Domotic smart system controiling lights (including dimmers for ceiling lights)
- Exterior lighting package – underlighting of fixed furniture on flybridge and cockpit - LED stripe in white; cockpit ceiling two LED stripes surrounding in white; LED white stripes on skirts, bimini LED stripe surrounding in white
- 10 x Underwater lights LED
- 6x Secret light

NAVIGATION EQUIPMENT

- Navigation lights with LED lamps
- Position lights LED
- Compass (size 135mm)
- Chronometer
- Barometer
- Raymarine Navigation Package
- 2 x Raymarine Axiom XL 16” Touch Multifunction Display
- Raymarine RD424HD 24” 4kW 608mm digital radome radar
- Raymarine Evolution autopilot
- Raymarine AIS700 - Automatic Identification
- System Multisensor (depth, speed & temperature sensor)
- Wind sensor
- GPS
- Raymarine Modular Dual-Station VHF Radio System Ray90
- Searchlight with control unit
- Electric Fog Horn
- Wireless autopilot controller
- 2x External camera with color and night vision (price per one)

AUDIO-VIDEO AND IT EQUIPMENT AND SERVICES

Satelite and wireless internet

- 5G/LTE Wifi antenna worldwide
- Starlink Maritime antenna preparation and installation

Saloon widescreen

- 1x Widescreen LED TV 43" with installation (master cabin)
- 1x Widescreen LED TV 55" with installation (saloon)
- 1x Lifting system up/down (if possible depending on layout)

LED TV for cabins

- LED TV 32" with installation (price per cabin)

Hi-Fi Audio system

(Saloon Audio Video package)

- 1x Denon 9.2 channel amplituner AV 8K with 3D Audio
- 5x Premium ceiling speakers (round)
- 1x Active subwoofer

(Outdoor Hi-Fi Audio package)

- 2x Marine built-in speakers in the cockpit
- 4x Marine built-in speakers on flybridge
- 2x Marine built-in subwoofers (10') for flybridge
- 4x Marine built-in speakers on front terrace
- 2x Marine built-in subwoofers (10') for front terrace

SAFETY EQUIPMENT

- Adaptation to commercial requirements MCA Small Craft Code (MGN 280 (M) Cat 2)
- Automatic fire extinguishing system in the engine rooms
- Complete rescue equipment with life-rafts for 12 persons
- EPIRB (included in commercial adaptation)
- Gas detection system + alarm (included in MCA)

OTHER

- Williams Sportjet 435 130hp
- Tender mountings
- Seabob F5 in serial red colour
- Seabob Rack
- Jetski: Krash Footrocket in black/charcoal
- Front deck tent - sun protection