

# ELITE 50

SOLAR POWERED YACHTS BY NOVALUXE



## NEVER LOOK BACK

Explore more and work less. Exploration is dependent on two things, where you're going and how you get there. Our solar/electric technology maintains the freedom found only on the water and virtually maintenance free. Arrive effortlessly to destinations with shallow draft far beyond the confines of the fuel dock. Entertaining? Stay in motion with uninterrupted conversations over muted engines. The Elite 50 series of hybrid boats are built to enjoy luxurious, extended range to maximize the boating lifestyle. Let the exploration begin.

[WWW.NOVALUXEYACHTS.COM](http://WWW.NOVALUXEYACHTS.COM)



# NOVALUXE



## ELITE 50 BY NOVALUXE

The Elite 50 series has evolved from a traditional catamaran to feature the freedom of a sailboat with the comfort and ease of a power yacht. This yacht is ideal for extended trips of relaxation, exploration, play, entertainment, and a sprinkle of work from any destination. Enjoy your life in the beautiful expanse of destinations you still have yet to visit.

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## SERIAL HYBRID SPECS

### DIMENSIONS

LOA: 48'6" • Beam: 24' • Maximum Draft: 3.25'  
Bridge Clearance: 22' • Dry Weight: 29,000 lbs

### ENGINES

TOTAL POWER: 160 HP

Engine 1

Brand: Torqeedo • Model: Deep Blue 55kW  
Type: Inboard • Fuel Type: Electric • Power: 80hp

Engine 2

Brand: Torqeedo • Model: Deep Blue 55kW  
Type: Inboard • Fuel Type: Electric • Power: 80hp  
\*Optional 100kW motors

### TOP FEATURES

10KW SOLAR ARRAY • Proven Reliability  
Live Autonomously • Operate as Zero Emission

### ELECTRICAL SYSTEM

90+ kWh of Stored Energy • BMW i3 Lithium Ion batteries  
C-Zone Digital Control System • 85,000 btu A/C  
25kW Whisper Power Genset  
15kW Inverter • Induction Cooktops  
8 Year Battery Capacity Warranty  
\*Optional 2nd Genset & Additional Battery Power

## PARALLEL HYBRID SPECS

### DIMENSIONS

LOA: 48'6" • Beam: 24' • Maximum Draft: 3.25'  
Bridge Clearance: 22' • Dry Weight: 29,000 lbs

### ENGINES

TOTAL POWER: 525 HP

Engine 1

Brand: Steyr • Model: SE236E40 Type: Inboard • Fuel Type: Diesel • Power: 236hp • Clutch: Transfluid • Electric Machine: 20kw • Alternator: Integral Solutions

Engine 2

Brand: Steyr • Model: SE236E40  
Type: Inboard • Fuel Type: Diesel • Power: 236hp • Clutch: Transfluid • Electric Machine: 20kw • Alternator: Integral Solutions

### TOP FEATURES

10KW SOLAR ARRAY • Blue Water Reliability  
Live Autonomously • Operate as Zero Emission  
15+ Knot Continuous Speed • Cruise All Day As Electric  
4+ hours, 6+ knots • Modular Future Proof Design

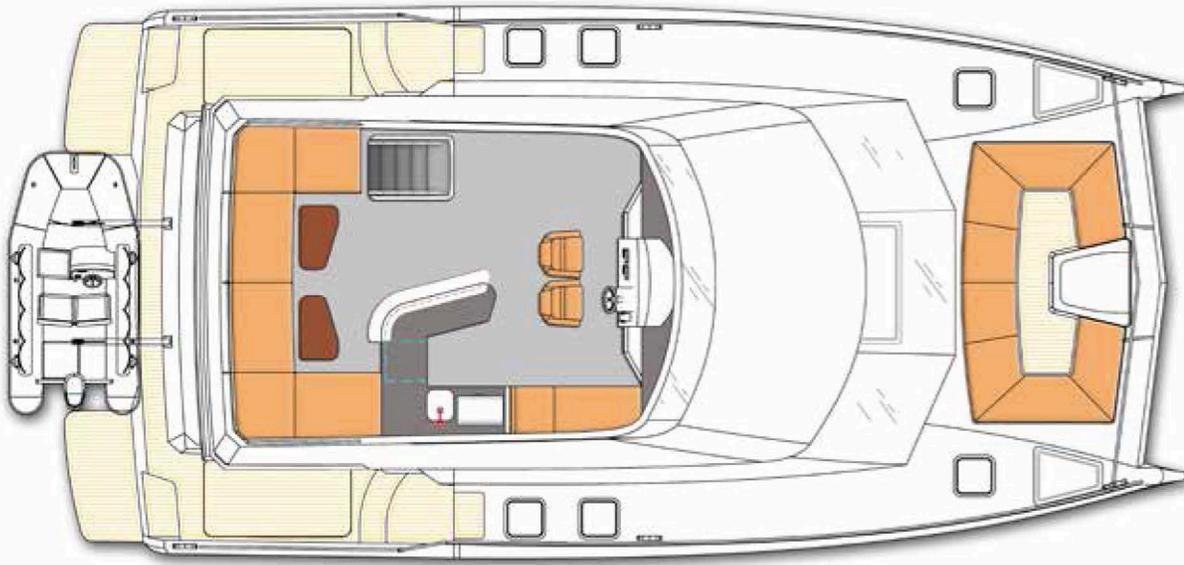
### ELECTRICAL SYSTEM

60+ kWh of Stored Energy • LiFeP04  
C-Zone Digital Control System • 85,000 btu A/C  
20kW Integrel Alternator • 15kW Inverter  
Induction Cooktops • 8 Year Battery Capacity Warranty  
\*Additional Battery Power Available

## YACHT DIMENSIONS

Length Overall (LOA) .....	50 ft. / 15.24 m
Beam Overall .....	23.72 ft / 7.23 m
Draught (Max) .....	3.25 ft / 0.99 m
Bridge Clearance (Top of Radar Mast) .....	23 ft 6 in / 7.17 m
Bridge Clearance (Top of Solar Hardtop) .....	18 ft 4 in / 5.6 m
Dry Weight .....	29,000 lbs / 13.154 kg

# NOVALUXE



*FlyBridge*

## VESSEL OVERVIEW

We've engineered the most peaceful cruise yet by maximizing space and style that is founded on the most complete and widely tested electric system in the world with Torqeedo. Want more speed? Automatically cycle on and off the Whisper Power generator for increased power. On deck, this multi-level luxury yacht has ample room to lounge, highlighting the triple crown of outdoor spaces. Sunbathe on the fore deck, lounge on the flybridge, and entertain on the aft deck. The Elite 50 checks all the boxes of a luxurious experience on an eco-conscious yacht that is second to none.

## HELM & NAVIGATION

- C-Zone electronic multifunction display (monitors and controls all electrical systems onboard)
- Autopilot with remote controller, radar, depth, GPS, VHF, AIS
- Bluetooth stereo with amp, sub, and speakers throughout
- Full motor instrumentation
- Complete power assisted hydraulic steering system
- Complete electronic engine controls
- Heading compass
- Navigation lights control

## GALLEY

- Stainless steel sink with pull-out mixer tap
- Freezer, fridge, & ice maker
- Storage cupboards and drawers
- Concealed waste bin
- Two plate induction stove & microwave oven
- Corian solid surface counter top, with draining grooves
- LED ceiling lighting

## FLYBRIDGE

- Access via straight staircase from cockpit
- Pilot seat for 2 persons
- Forward facing sofa seat for 2 persons
- Large U-Shaped rear sofa for 8 people with 2 handcrafted teak tables
- Built-in electric stainless steel grill
- Large under seat waterproof stowage
- 316 Stainless steel handrail
- 316 Stainless steel framed inversed windshield
- Radar mast and hardtop roof
- LED navigation lights (Port, Starboard, Stern, Anchor and Running)
- LED main lighting
- Fully covered fiberglass hardtop



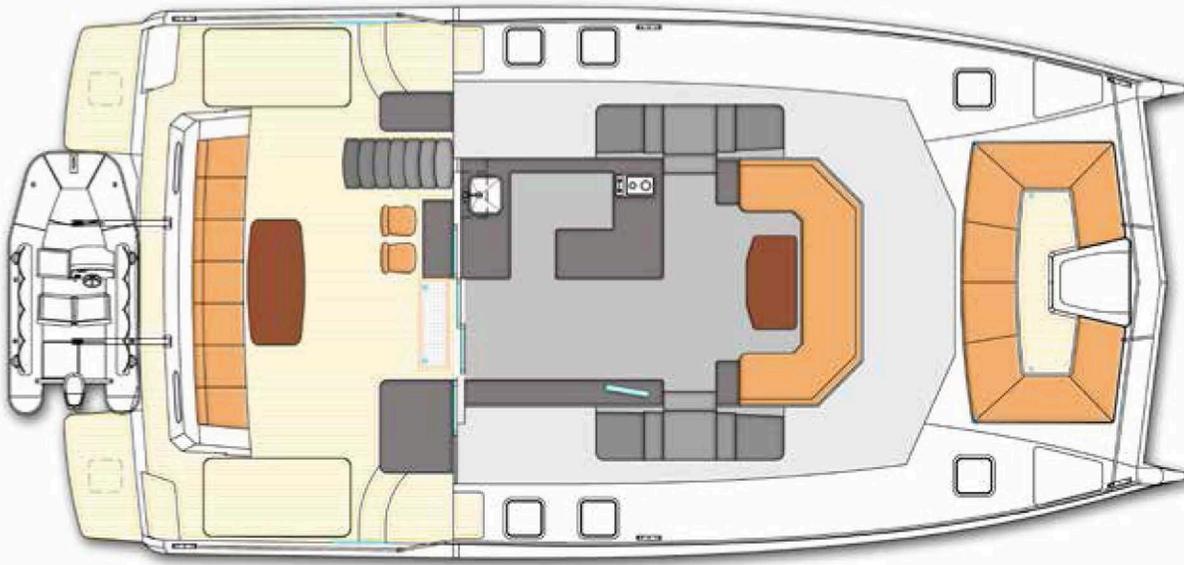
*Salon Galley*



*FlyBridge*

*Indoor/Outdoor Bar*

# NOVALUXE



*Cockpit*

## AFT COCKPIT

- Transom swim platform with ladder for easy & safe boarding
- 6 seat sofa with backrest and under seat stowage
- Handcrafted certified teak cockpit table
- Stainless steel staircase with certified teak steps to fly bridge
- Hella Marine LED exterior lighting
- Easy lifting deck hatches to engine compartments (port & starboard)
- Transom shower with water mixer tap
- Electric davits for tender (200 kg max lift)

## FORE DECK & SIDE DECK

- Lounge seating at bow for 8 with drink table & glass holders
- Main locker for access to anchor gear
- Vertical windlass, bow roller and 77 lb. anchor
- Stainless steel handrail, body height for maximum safety and child safe
- Forepeak storage compartments, with easy opening gas struts
- 6 x 12" Mooring Cleats
- Watertight opening deck hatches for natural light
- LED flood lights on side and aft decks

## SALON

- Vinyl ceiling with LED down lighting
- Sofa seating for 8 people
- Handcrafted certified teak wood dining table for 6 people
- HD projector for salon
- Large 316 stainless steel sliding door with tempered glass for access to cockpit
- 180 degree panoramic view with tempered glass safety windows
- Stairs leading to master cabin and guest cabins

*Forward Cabin*



*Double Head (Port)*



*Aft Outdoor Cockpit*

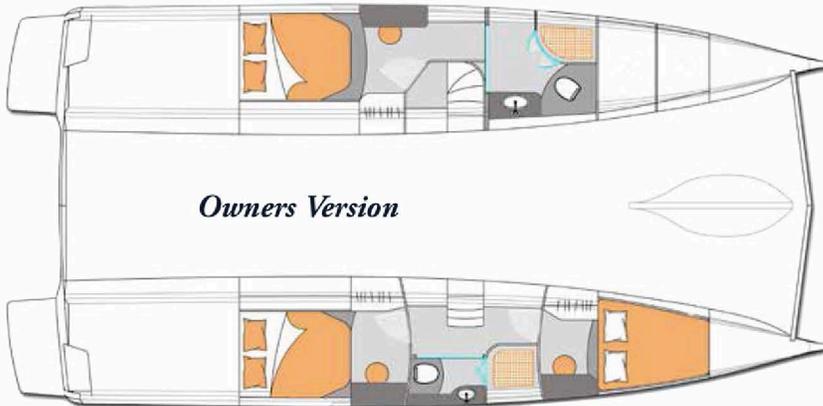


# NOVALUXE

## ENGINE COMPARTMENT, EQUIPMENT & FUEL SYSTEM

Fuel tank monitoring with C-Zone  
Automatic bilge pumps with manual override integrated with CZone  
Stainless steel deck fuel filters and breathers  
Fuel/water separator filters for added safety and ease of maintenance  
Remote fuel shut offs from outside the engine room  
Engine room heat and sound insulation, flame retardant

LED engine room lighting  
Large engine compartment for ease of access  
Shut-off valves for all under water intakes and outlets  
Raw water strainer, with clear lids for easy inspection  
Water Maker Schenker Zen 100 24V 2400 Lt per day low pressure energy  
Keel with shoe for protecting propellers and rudders from nets, ropes, and sea bottom  
Hydraulic steering cylinders  
Cathode protection  
Dripless shaft seals



## AFT CABINS

Large ocean view window  
Storage space under bed  
Hanging lockers with shelves  
Deck hatch for natural light & ventilation  
LED ceiling lighting & ambient lighting  
Reading lamps & Certified teak flooring  
Large double bed (5ft x 6ft 7in (1.55m x 2m)) with cushion  
Soft faux leather wall and ceiling covering, 110V power outlet

## INTERIOR & EXTERIOR FLOORING

Artificial teak wood fly bridge and front cockpit  
Artificial teak wood transom, steps, & aft cockpit  
Saloon & staterooms with certified teak flooring

## FORWARD CABINS

Large double bed (v-berth)  
Large ocean view window  
Storage space under bed  
Hanging lockers with shelves  
Deck hatch for natural light & ventilation  
LED ceiling & ambient lighting  
Reading lamps  
Certified teak flooring  
110V power outlet

## HEADS

Deluxe electric marine toilet (integrated macerator system)  
Private door leading to cabin, Separate Enclosed Shower  
Corian solid surface countertop with sink  
Opening port light for natural light and ventilation  
Washing basin with single lever mixer tap

## ELECTRICAL SYSTEM

C-Zone digital control system (NMEA 2000)  
12" Torqeedo Display, 10kW Solar Array with Radar Tower  
10kW MPPT direct to HV, BMW i3 Battery 40 kWh (2)  
Torqeedo 24v 3.5kW House Battery  
Shorepower Charger 240vac to HVDC 3.3kW  
Termodinamica 75,000 BTU  
(heat exchange with individual control in all cabins)  
Torqeedo Router, Integrel 15kW Alternator  
DCAC Inverter, DCDC Bidirectional converter

*Forward Seating Area*



*Aft Cabin*



*Aft Seating Area*



## *Forward Sundeck*



## CONSTRUCTION

- Vacuum infused core sandwich and bulkheads
- Watertight collision bulkheads in forepeak for added safety
- Watertight engine room compartments
- High quality tempered glass front windows
- Isophthalic gelcoat for high color stability
- Multiaxial FRP Construction using Bisphenol A-type Epoxy Vinyl Ester Resin
- Marine Grade 316L stainless steel handrails, deck fittings, and hardware

## ELECTRICAL SYSTEM

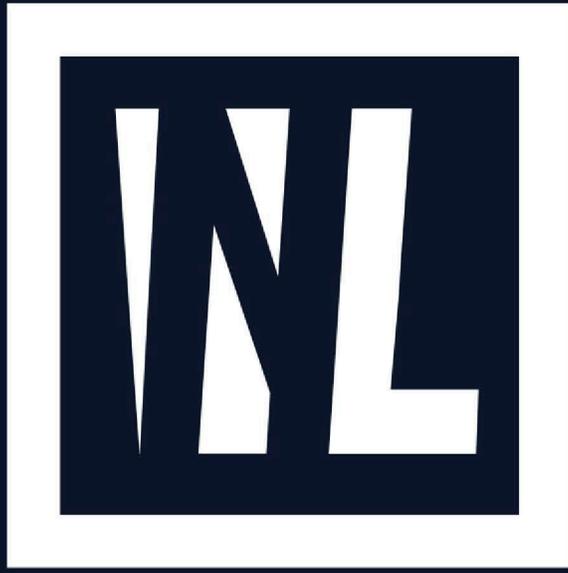
- Torqeedo router, Integrel 15kW alternator, DCAC inverter, DCDC bidirectional converter
- C-Zone digital control system (NMEA 2000)
- Termodinamica 75,000 BTU heat exchange with individual control in all cabins
- 12" Torqeedo display, 10kW solar array with radar tower
- 10kW MPPT direct to HV, BMW i3 Battery 40 kWh (2)
- Torqeedo 24v 3.5kW house battery, shorepower charger 240vac to HVDC 3.3kW

## ADDITIONAL ITEMS

- Laundry washing machine/dryer (5kg)
- Rainwater recapture system
- Personalized hull color
- Pressurized seawater chain-wash system
- Anti-corrosive protective epoxy & antifouling
- Certificate of origin
- Boat hook
- Cleaning material and biodegradable soap products
- Owners manual and equipment manuals and documentation
- Shrink wrapping of yacht and steel shipping cradle for export
- Pressurized fresh water deck-wash and transom showers with two outlets (bow and stern)

## FIRE & SAFETY

- Life raft 8 person offshore container life raft
- Solas man overboard lifebuoy light
- Rescue sling (in bag) & horseshoe buoy
- Helm station fire alarms and manual suppression release
- Manual fire extinguishers
- Lines and fenders included
- Bow anchor 77lbs (maxset 50m chain)



 **LIGHT** 50

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