



50

SAIL

SPECIFICATIONS & FEATURES



OUT THERE
STARTS HERE™

All specifications and options are subject to change by Sino Eagle Yachts at their sole discretion. Performance is purely indicative and not a contractual commitment. Performance is subject to many variances outside the control of Sino Eagle Yachts. Specifications and graphics in this brochure are non-binding and customer must enter into contractual agreement with the Dealer or Agent of Record. Actual color samples may vary slightly from digital representation.

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SPECIFICATIONS

MEASUREMENTS

LENGTH: **14.97 M • 49' 1"**
OVERALL.

BEAM: **7.86 M • 25' 9"**

HEIGHT: **5.55 M • 18' 3"**
ABOVE WATERLINE WITH HARDTOP EXCLUDING MAST.

MAST HEIGHT: **25.15 M • 82' 6"**
ABOVE WATERLINE WITH LIGHT LOAD.

DRAFT: **1.70 M • 3' 4"**
WITH LIGHT LOAD. WILL VARY DEPENDING ON LOAD.

LIGHT DISPLACEMENT:
19,270 KG • 42,900 LB

LOADED DISPLACEMENT:
24,000 KG • 50,600 LB

ACCOMMODATIONS

SLEEPS UP TO: **14**

MAXIMUM PASSENGERS: **30**

CABINS: **4 • 5 • 6**

HEADS WITH SHOWERS: **4 • 5 • 6**

UTILITY ROOMS: **1**
OPTIONAL FOREPEAK CABIN.

SAIL AREAS

MAINSAIL: **90 SQ M • 968.8 SQ FT**
STANDARD PIN TOP

MAINSAIL: **96.4 SQ M • 1,037.6 SQ FT**
OPTIONAL SQUARE TOP

FURLING GENOA: **66.0 SQ M • 710.4 SQ FT**

TOTAL UPWIND AREA:
156 SQ M • 1,679.2 SQ FT
WITH STANDARD PIN TOP MAIN SAIL

TOTAL UPWIND AREA:
162.4 SQ M • 1,748 SQ FT
WITH OPTIONAL SQUARE TOP MAIN SAIL

CODE 0 / GENNAKER:
102.8 SQ M • 1,106.5 SQ FT
OPTIONAL.

TANKAGE

FUEL: **865 L • 222 GAL**

WATER: **880 L • 232 GAL**

HOLDING: **340 L • 90 GAL**

CE CERTIFICATION

A (OCEAN): **12**

B (OFFSHORE): **12**

C (COASTAL): **20**

D (INLAND): **30**

PROPULSION

HYBRID OCEAN DRIVE:

STANDARD:
2x 50 KW Deep Blue Torqeedo inboard motors
WITH FLEXIBLE COUPLING ON DIRECT DRIVES WITH 80KW
PROPULSION BATTERY

DIESEL:

STANDARD:
2x 50 HP Saildrive

OPTIONAL:
2x 60 HP Saildrive
2x 75 HP Saildrive

GENERATORS

HYBRID OCEAN DRIVE:

OPTION 1:
1x 32kW (60Hz) or 1x 28kW (50Hz)
WITH SOUND SHIELD

OPTION 2:
1x 40kW (60Hz) or 1x 35kW (50Hz)
WITH SOUND SHIELD

DIESEL:

OPTION 1:
1x 15kW (60Hz) or 1x 14kW (50Hz)
WITH SOUND SHIELD

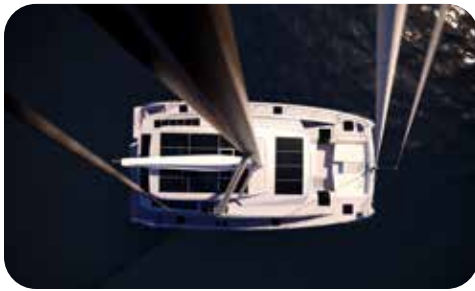
OPTION 2:
1x 21kW (60Hz) or 1x 18kW (50Hz)
WITH SOUND SHIELD

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FEATURES

- Sleek exterior profile and modern design features with exceptional use of space and function
- Expansive outdoor living and entertaining spaces along with luxurious interior styling and amenities
- Plenty of sun coverage via optional fiberglass hardtop with 316L polished stainless steel supports on flybridge
- Flexibility in cabin configurations to choose from based on expected use
- Direct bow access from flybridge on both starboard and port sides
- Forward solid deck cockpit providing sunbathing and social area
- C-Zone digital switching system for DC powered components
- Torqeedo electric/hybrid propulsion system with instant battery level monitoring and controls



MAST, RIGGING & SAILS

- Anodized aluminum two-spreader sectional mast with flip-out steps to access boom
- Mast foot with 9x turning blocks
- Anodized aluminum boom with fittings
- Furling genoa (manual)
- Full batten (6 × battens) pin top mainsail with 2 reefing rows (square top mainsail available as option)

SAIL & RIGGING CONTROLS

- Two speed manual mainsheet winch (Harken 60.2) x 1
- Two speed manual genoa and sheet winches (Harken 46.2) x 2
- Genoa cars with pin stop and tracks x 2 (Harken)
- Clutches for line controls / total qty of 10 (Spinlock)
 - Port Side: main sheet, genoa sheet, reefing line #1, reefing line #2, main sail halyard
 - Starboard Side: main sheet, genoa sheet, boom topping lift (service halyard), genoa furling line
- German mainsheet system with two sheets controlled by manual winch on port and starboard side
- Genoa sheets x 2
- Halyards (main, genoa, spare) x 3
- Main boom topping lift
- Two (2) rope storage bags for sail and rigging controls
- Winch handles with storage pockets x 2

CONSTRUCTION

- Resin infused Vinylester throughout hull and deck build material
- Resin infused Vinylester for all bulkheads and reinforcing (no plywood in structural components or below waterline)
- PVC core materials vary in density dependent on loads
- NPG water-tight bulkheads fore and aft
- Large interior furniture panels manufactured using lightweight PET for core materials
- Windows in hull and deck made from Perspex



HULL & DECK

- Ten (10) opening deck hatches carefully positioned to enhance natural ventilation in cabins and toilets
- PVC rub rail with 316L stainless steel insert offering all round protection
- Four (4) opening portlights installed in hull side windows and two (2) positioned on forward salon windows
- Two (2) opening portlights facing aft in aft cabins
- Stanchions and bases, with UHMWPE lifelines, port & starboard side gates
- Windows, bonded in Perspex – hull side and super structure
- Comfortable and protected bow seats integrated into deck railing (2)
- Deck fill plates in 316L stainless steel: water (2); fuel (2); waste (3)
- Eight (8) stainless steel cleats
- Well placed ergonomic handrails in 316L stainless steel ensuring secure movement onboard



FORWARD COCKPIT

- Foredeck forward cockpit providing comfortable seating and sun lounging
- Foredeck sun pad area (cushions optional)
- Companionway butterfly doors providing access to forward deck port side utility/work space cabin and starboard side cabin
- Starboard and port side forward access steps with stainless steel safety rail providing direct access to bow from flybridge
- Large oversized cockpit floor drains providing direct overboard drainage
- LED overhead lighting
- Designated generator installation area
- Direct access into salon through forward water tight door
- Two large central hatches providing easy access to windlass and chain/rope



AFT COCKPIT / TRANSOM

- Two (2) large port and starboard deck hatches providing access to storage and mechanical space area
- Custom stainless steel retractable swim ladder with teak steps located under large deck hatch
- Powder coated aluminum sliding door providing access to salon/galley
- Powder coated aluminum sliding window providing connection between cockpit and galley countertops along with excellent ventilation
- Extendable dining table on two (2) polished stainless steel supports – provides seating for up to twelve (12) guests when in extended position
- Optional LED deck courtesy lights located at transom, cockpit, and flybridge
- Ergonomic transom steps designed for easy boarding from dock and dinghy
- Designated BBQ area (BBQ optional)
- Bar area with two fixed stainless steel stools and foldable bar surface
- Direct access from cockpit to flybridge via large steps with way to close off to help prevent rain/water entering into cockpit
- Expansive fixed fiberglass platform extending between the hulls providing additional aft cockpit space to store a dinghy
- Settee/lounging area on starboard side with integrated storage space
- Loungers/sun bathing areas on port and starboard side with adjustable backrests to face aft
- Marine ceiling mounted waterproof 6.5" speakers (2) (optional)

- LED overhead lighting
- Rotating aft bench seating to convert seating on port side to either L-Shape or straight longitudinal seating
- Two (2) heavy duty polished stainless steel structural supports for ceiling and flybridge structure
- Gas/Propane marine plancha grill in aft cockpit (optional)
- Eight (8) cupholders installed around seating area
- Two (2) large wet lockers to store director chairs and toys



FLYBRIDGE & HELM

- Forward flybridge access via forward port and starboard bow steps with built-in stainless steel handrail for safety
- Spacious comfortable convertible helm bench for three (3) people with upholstered seat
- Optional expansive fiberglass hardtop with stainless support structure and ceiling mounted LED lighting
- Fully upholstered seating and backrest cushions
- Marine waterproof 6.5" speakers (2) (optional)
- Main access up from aft cockpit via molded fiberglass steps
- Handrails conveniently located around flybridge for secure movement
- Insulated ice box under seating
- Life jacket and safety gear storage under U-shaped seating area
- Cup holders located in various areas around flybridge
- 12VDC outlet
- U-Shaped settee area with fixed table comfortably seating eight (8) people
- Fixed table with polished stainless steel support and integrated cup holders
- Compass on bracket, fitted to mast aft surface
- Molded fiberglass steering console with integrated instrument console for optional 16" multi functional display
- Two (2) rope storage bags for sail and rigging controls
- Steering station with 5-spoke leather wrapped stainless steel steering wheel
- Electronic dual engine throttle control
- Engine data display at helm
- Various controls and displays conveniently located at helm station (dependant on options selected)



SALON

- Large side and front windows with external overhangs offer excellent visibility and reduced sunlight
- Three panel sliding door for entry into salon
- Forward cockpit exit/entry door from salon with safety locks
- Synthetic wear resistant flooring offering maintenance free natural wood look
- Laminate finished cabinetry with solid wood capping throughout with accented wall and ceiling coverings
- Flush mount Fusion 7.7" 200w overhead speakers in ceiling panels (2) (optional)
- Upholstered ceiling panels with decorative trim
- Chart table and integrated navigation station with AC outlet and reading light
- Two large storage cabinets on starboard side aft of chart table

- Settee U-Shape around salon table comfortably seats eight (8) people
- Expandable (double) salon table mounted on polished stainless steel pedestal (electric up/down system optional)
- Cushions upholstered in soft, easy-to-clean material
- Port light hatches installed on forward facing windows providing additional ventilation (2)
- Designated area for optional TV on flip up system, concealed in cabinetry on starboard side
- Overhead LED ceiling lights
- LED courtesy accent lighting under furniture
- Electrical outlets located throughout / 2 × double outlets with USB charging socket
- Floor access hatch to main house batteries, charging/inverter systems, Torqeedo management units, DC/DC converter, AC/AC converters
- Stair access to starboard and port side cabins
- Central walkway access to forward cockpit
- Stainless steel handrail wrapped in synthetic leather
- Polished stainless steel structural mast base connection



GALLEY

- Refrigerator/freezer—full sized household French door refrigerator (11.6cu/ft) with slide out freezer (5.3cu/ft) below
- Electrical induction cooktop (4 burner)
- All countertops with Corian natural stone finish
- Dedicated microwave storage location with AC outlet
- Large stainless steel sink with faucet and cover to go over sink area
- Flush mount Fusion 7.7" 200w overhead speakers in ceiling panels (2) (optional)
- Built in storage cabinets located above cooktop area
- Large storage cabinets located under countertop
- Built in slide out garbage bin under sink
- Galley island with Corian countertop and storage underneath
- Optional wine fridge in galley island in lieu of storage
- Optional convection/microwave combo oven
- Sliding bar window with flip down bar countertop when in open position
- Storage cupboards and drawers offering ample storage for all galley accessories
- Overhead LED ceiling lights
- LED courtesy accent lighting
- Electrical AC outlets located throughout area Galley wall (2)
- Stainless steel handrail wrapped in synthetic leather
- Synthetic wear resistant flooring offering maintenance free natural wood look
- Option available to change electric cooktop and oven to be regular gas/propane

NAV / SWITCH PANEL STATION

- Navigation work surface area with storage below
- C-Zone 7" digital switching control screen for DC systems

- Remote battery switch controls for all onboard batteries
- Transfer switches for electrical systems
- Dedicated service panel for optional generator, water maker, and aircon display/control panels
- Light switch panel controlling salon, galley, and aft cockpit lighting
- Fusion marine stereo head unit (MS-RA770) with multi zone sound control and Bluetooth connectivity (optional)
- AC power outlet (1)
- Large storage space for navigation equipment (hand held VHF and compass, paper charts, binoculars etc.)



MASTER CABIN

- Master cabin utilizing length of port hull with private access sliding door for privacy
- Laminate finished cabinetry with solid wood capping throughout with accented wall and ceiling coverings
- Power sockets with single USB outlets located next to bed (2)
- Opening ventilation hatches in ceiling with concealed blinds (2)
- Opening ventilation portlight in aft window
- Bedside cabinets with pull out drawers
- LED reading lights above bedside cabinets (2)
- LED overhead ceiling lighting
- Concealed LED mood and courtesy lighting
- Expansive hull side windows with concealed manual blinds
- Additional storage under mattress
- Memory foam mattress / L=72.8"(185 cm) x W=76" (203.5cm)
- Optional concealed TV system in ceiling with manual flip down/up system above bed
- Chaise lounge seating with vanity/desk area with power outlet and lighting
- Designated storage under chaise lounge seating
- Large hanging lockers and storage drawers on inner hull
- Optional full length mirror with upholstered frame
- Synthetic wear resistant flooring offering maintenance free natural wood look



MASTER CABIN BATHROOM

- Large single vanity area with stainless steel faucet
- Corian countertops
- Mirrors mounted on storage cabinets above vanity area
- GFCI protected AC outlets at sink (2)
- Toothbrush and towel holders
- Walk in shower with hinged entry door with hot/cold shower
- Bench with Corian top inside shower
- Separate toilet with privacy door equipped with fresh water electric flushing toilet and extraction fan
- Designated area for optional washer/dryer combo unit
- Corian countertop on inboard side with storage above and below
- Opening overhead hatch with concealed blind
- Overhead LED ceiling lights
- Synthetic wear resistant flooring offering maintenance free natural wood look



PORTSIDE UTILITY ROOM

- Laminate finished cabinetry with solid wood capping throughout with accented wall and ceiling coverings
- Power sockets with USB outlets
- LED overhead ceiling lighting
- Private access butterfly door into cabin from forward bow cockpit area with steps and handrail
- Stainless steel hand rail for hanging ropes, sail bags, etc.
- Storage cabinets above and under work surface
- Hull side window with manual blinds
- LED accent/mood lighting
- Synthetic wear resistant flooring offering maintenance free natural wood look
- When selecting 6-cabin version, becomes a cabin with bathroom/shower



STARBOARD AFT & MID CABINS

- Laminate finished cabinetry with solid wood capping throughout with accented wall and ceiling coverings
- Private access door into cabin
- Two (2) LED reading lights
- Power sockets with single USB outlets
- Synthetic leather wrapped hand rail
- Cabinetry along inboard area providing additional storage
- Bedside cabinet
- Opening ventilation hatches in ceiling with concealed blind
- Concealed LED mood and courtesy lighting
- LED overhead ceiling lighting
- Expansive hull side windows with concealed manual blinds
- Additional storage under mattress
- Memory foam mattress / L = 79" (200cm) x W = 60" (152cm)
- Hanging locker for clothes
- Pull out drawers
- Synthetic wear resistant flooring offering maintenance free natural wood look

STARBOARD AFT, MID & FORWARD BATHROOMS

- Corian countertops
- Fresh water electric flushing toilet
- Walk in shower with hinged see through acrylic door
- Single vanity with faucet
- Mirror above sink
- Water proof roller binds
- Toothbrush and towel holder
- Overhead LED ceiling lights
- GFCI Protected AC outlets
- Synthetic wear resistant flooring offering maintenance free natural wood look



OPTIONAL BUNK BEDS SHOWN.

STARBOARD FORWARD CABIN

- Can also be used as separate crew cabin
- Laminate finished cabinetry with solid wood capping throughout with accented wall and ceiling coverings
- Private access butterfly door into cabin from forward bow cockpit area with steps and handrail
- Two (2) LED reading lights
- Power sockets with single USB outlets
- Synthetic leather wrapped hand rail
- Cabinetry along inboard area providing additional storage
- Opening ventilation hatches in ceiling with concealed blind
- Concealed LED mood and courtesy lighting
- LED overhead ceiling lighting
- Expansive hull side window with concealed manual blinds
- Additional storage under mattress
- Memory foam mattress
- Hanging locker for clothes
- Synthetic wear resistant flooring offering maintenance free natural wood look
- Option available to add additional upper bunk

DIESEL ENGINE & BATTERY COMPARTMENT

DIESEL OPTION ONLY

- Automatic fire suppression heat activated system with alarm monitors at helm station
- Sound insulation mounted to bulkheads in engine room space
- Diesel fuel system for optional generator including fuel filters and emergency fire port
- Two (2) dedicated aluminum fuel tanks with safety shut off valves and level monitors (total tank volume 865L / 228Gal)
- LED lighting in each mechanical space (2 total)
- Automatic bilge pump in each electric motor compartment with warning light at helm and nav station
- Electrical compartment under salon floor
- Optional lithium house battery system with heat activated automatic fire suppression system and alarms in lieu of standard AGM house batteries

BATTERY & DIESEL TANKS COMPARTMENT

HYBRID OCEAN DRIVE OPTION ONLY

- Diesel fuel system for generator including fuel filters and emergency fire port (automatic extinguisher optional)
- Two (2) dedicated aluminum fuel tanks with safety shut off valves and level monitors (total tank volume 865L / 228Gal)
- LED lighting in each mechanical space (2 total)
- Automatic bilge pump in each electric motor compartment with warning light at helm and nav station
- Electrical compartment under salon floor, equipped with automatic fire suppression heat activated system with alarm monitors
- Optional lithium house battery system with heat activated automatic fire suppression system and alarms in lieu of standard AGM house batteries

UNDERWATER GEAR

DIESEL OPTION ONLY

- Protective integrated breakaway keels
- Fixed 3-blade propellers (foldable propellers optional)
- Fiberglass rudders and rudder tubes with shaft and tiller arm in 316L stainless steel
- Shut off valves on all salt water intakes in engine rooms
- Sea water strainers with transparent lid

UNDERWATER GEAR

HYBRID OCEAN DRIVE OPTION ONLY

- Electrical motor drive transmission for compact efficiency
- Protective integrated breakaway keels
- Fixed 3-blade propellers (foldable propellers optional)
- Machined propeller shafts on flexible couplings
- Fiberglass rudders and rudder tubes with shaft and tiller arm in 316L stainless steel
- Shut off valves on all salt water intakes in engine rooms
- Sea water strainers with transparent lid
- Watertight self-aligning dripless shaft seal with 316L stainless steel housing
- Bronze P-Bracket for maximum propeller protection

STEERING SYSTEM

- Electric fly by wire power steering system
- Emergency steering tiller access and control system

MOORING SYSTEM

- Electric anchor windlass (24v-1700w) with wired control at windlass
- Stainless steel anchor roller
- Fiberglass deck hatch to self-draining locker
- Eight (8) stainless steel mooring cleats
- Optional 55 lbs. (32 Kg) delta anchor

WATER & BILGE SYSTEM

- Fresh water pressure pump with accumulator tank offering equal water pressure throughout
- Two (2) 80L/21 gal each hot water heaters
- Two (2) 440 L/116 US gal connected water tanks
- Transom pull out shower mixer (hot/cold) on aft starboard deck
- Water tank levels visible through C-Zone digital monitoring system
- Four (4) automatic electric bilge pumps with alarms
- Barrier paint in bilges and inside wet lockers

WASTE & GREY WATER SYSTEM

- Grey water from showers and sinks collected in sealed sump boxes with auto electric overboard discharge
- Two (2) 170 L/ 21 US gal black water tanks with electric sea water discharge pumps and dockside pump out
- Black water tank levels visible through C-Zone digital monitoring system

ELECTRICAL SYSTEM

DIESEL OPTION ONLY

- C-Zone DC digital switching/monitoring system
- 24v DC electrical system
- Main house battery charger/inverters 2 × Mastervolt Mass Combi Pro 24/3500-100
- Starter battery charger: 1 × Mastervolt Charge Master 12/50-3
- Optional solar panels with chargers 3 × Mastervolt SCM60 MPPT-M
- Master control panel for 24v and shore power supply breakers
- Remote battery master switches at panel
- Shore side electrical plug in connection points
- AC power supplied by two (2) 50 Amp 125/250v shore power cables (shore power cables not included)
- Galvanic isolator protection system
- Shore power overcurrent ELCI protection breakers
- Shore voltage and current measurement
- House batteries = Two (2) 200Ah AGM (option available to add two or four more batteries)
- Options available to change from AGM to Mastervolt lithium battery package

ELECTRICAL SYSTEM

HYBRID OCEAN DRIVE OPTION ONLY

- C-Zone DC digital switching/monitoring system
- 24v DC electrical system
- Main house battery charger 2 × DC/DC Bi-directional / 2,8kW
- Inverter for AC consumers 3 × 22kW DC/AC
- Optional solar panels with chargers x 3
- Torqeedo propulsion battery – Deep Blue LiFePo4 80 KWh (1)
- Master Torqeedo control panel for electric propulsion components
- Remote battery master switches at panel
- Shore side electrical plug in connection points
- AC power supplied by two (2) 50 Amp 125/250v shore power cables (shore power cables not included)
- Galvanic isolator protection system
- Shore power overcurrent ELCI protection breakers
- Shore voltage and current measurement
- House batteries = four (4) 200Ah AGM
- Option available to change from AGM to Mastervolt lithium battery package
- Generator Options – 28kw (50hz) or 32kw (60Hz) with sound enclosure, diesel fuel tank, remote control, and starter battery
- Generator battery charger: 1x Mastervolt Magic 24/12-20