

GranOcean Luxury W-72



Power Catamaran Standard Specifications

Length Overall	22 Meters	72 Feet
Length Waterline	20 Meters	68 Feet
Beam	10 Meters	32.8 Feet
Draft	1.5 Meters	4.27 Feet
Displacement (Light) - Estimate	50,000 Kilograms	99,208 Pounds
Fuel Capacity	6,000 Liters	1,585 US Gallons
Water Capacity	1,000 Liters	264 US Gallons
Engines (Standard)	(2) Cummins 550 HP	Diesel Engine
Engines (Optional)	(2) Cummins 715 HP	Diesel Engine
Engines (Optional)	(2) CAT C18 1150 HP	Diesel Engine
Naval Architect	Howard Apollonio	
Structure Designer	Gurit	
Exterior Designer	Eric So - GranOcean	
Interior Designer	Vripack	
Boat Category	CE Category A	
USA Warranty Work	Maz Ocean	

STRUCTURE

- Hull lamination according to EN ISO 12215-5 structure standard
- Built in accordance with HPI Verification services
- Composite fiberglass infused hull & deck
- Hull, deck & superstructure built of light weight fiberglass composite with closed cell PVC foam/honey comb as core material
- Interior structural components all properly bonded to hull & deck

HULL & DECK EXTERIOR GENERAL

- White gel coat on all superstructure and hull (Option: colored gelcoat)
- International Interlux antifouling paint
- Main deck non skid deck (Option: teak decking or Marine Deck 2000)
- Electric windlass Lewmar V6 24V with chain counter & footswitches
- One 80kg galvanized Delta anchor fitting at bow with chain stopper
- 70m 13mm din 766 galvanized anchor chain
- 316 stainless steel safety stainless steel handrails throughout
- Anchor bridle with shackle & pad eyes fitted
- Eight (8) heavy duty 12" 316L stainless steel cleats
- Two (2) pop-up 6" 316L stainless steel cleats on transom platform
- One stainless steel Sampson post at bow
- Eight (8) fender locks
- Double layer tinted safety glass windows
- Eight (8) Lewmar large flush deck hatch or equivalent (subject to layout)
- Lewmar large hull window with eight (8) in-glass openable portlights or equivalent
- Wide opening triple leaf Lewmar sliding salon door with large flip up window or equivalent
- Stainless steel rub rail along transom
- Freshwater deck wash-down
- Seawater anchor chain wash down
- Two (2) transom shower with hot/cold water (one in roof, one hand shower)
- Stainless steel folding swimming ladder with flip up grab rails
- Two zinc anodes on transom for bonding system
- Two (2) stainless steel deck water fillers
- Two (2) stainless steel deck fuel fillers
- Two (2) stainless steel deck waste pump outs
- Stainless steel flag post on flybridge
- 316 stainless steel thru hull fittings above waterline
- Bronze through-hull fittings below waterline
- Boat name in custom designed 316L stainless steel
- Soffkin Marine vinyl exterior upholstery
- Mooring kit includes six (6) fenders and five (5) 24mm moorings lines
- (Option: Upgrade exterior upholstery to Sunbrella)
- (Option: Upgrade exterior upholstery to Ultraleather)

COCKPIT

- Covered aft deck with overhead lights
- Large C-shaped settee with Soffkin marine vinyl cushions
- Two (2) Teak cockpit dining tables
- Large L shaped bar with bar stools, storage and sink to port
- Storage under seating
- Weathertight engine access hatches in hatches design
- Storage lockers on deck
- Wet locker below molded staircase
- LED Courtesy floor lighting throughout

- LED Flood lights for transom platform
- Vimar water-proof sockets
- Two (2) waterproof Fusion 6 inch speakers connected to inside helm stereo
- (Option: Vitrifrigo undercounter fridge /icemaker in bar)
- (Option: Kenyon Electric BBQ)
- (Option: Tenderlift transom hydraulic platform 650kg or 900kg)
- (Option: Upgrade wet locker to day head)

FOREDECK

- Weathertight Lewmar door built to CE Area IIA to bow lounge
- Two (2) large sunbathing L shape settee with Soffkin marine vinyl cushions
- Cup holders integrated into settee
- Anchor chain locker
- Two large fender lockers under deck forward
- Two (2) waterproof Fusion 6 inch speakers connected to inside helm stereo
- Vimar water-proof sockets
- (Option: Two (2) Quick pop-up lights next to settees)
- (Option: Vitrifrigo undercounter fridge under settee)
- (Option: Jacuzzi)

FLYBRIDGE

- Molded stairs with to flybridge with SS handrail
- Hard top covered flybridge with LED overhead light
- Wet bar including Quartz top, built-in sink, tap
- L-shaped settee with Soffkin marine vinyl cushion and storage underneath
- Two (2) teak dining tables
- Helm with double seats complete with steering, throttle, VHF and chart-plotter
- Double forward-facing settee adjacent to helm
- Storage locker to port
- Acrylic windshield
- Vimar water-proof sockets
- LED Courtesy floor lighting throughout
- Instrument mast on hard top
- Two (2) waterproof Fusion 6 inch speakers connected to inside helm stereo with separate volume controller
- Two LED flood lights to illuminate flybridge aft
- (Option: Vitrifrigo Undercounter fridge)
- (Option: Kenyon Electric BBQ grill)
- (Option: Steelhead ES1500 flybridge extendable crane 680kg or similar)

UPPER DECK OPTION: ENCLOSED FLYBRIDGE VERNON

- Enclosed Flybridge with two 16k BTU air conditioning units
- Windscreen wipers with spray wash, on/off/3 speeds function
- Access staircase from salon

- Two (2) helm chairs
- Upper interior helm station
- Forward facing settee adjacent to helm
- L-shaped settee with dining table
- Storage locker stbd of helm station
- Head with Tecma toilet and vanity sink
- Wide opening triple leaf Lewmar sliding salon door with large flip up window or equivalent
- Weathertight doors to port and starboard access to Portuguese bridge
- (Option: Undercounter fridge)
- (Option: Wet bar sink & tap)

NAVIGATION & ELECTRONICS

- One (1) 4-1/2" Ritchie compass
- One set of Hella navigation lights include head, stern, port, starboard & anchor
- 12" Garmin navigation chart plotter at main helm (Option: upgrade size to 16" and/or dual plotters)
- Garmin 20nm-36nm Radome
- Garmin depth/speed/fishfinder combo transducer
- Garmin VHF
- Garmin Autopilot
- Garmin Wind Meter
- Two (2) rudder indicators
- Roca Wiper system
- Engine console with all gauges
- Jabsco remote control searchlight
- Marco single stainless steel ship horn
- (Option: Garmin Fishfinder)
- (Option: Garmin AIS)
- (Option: Garmin CCTV cameras in engine rooms / cockpit / flybridge)
- (Option: Receiver mount and pre-wiring for Skylink)

GENERAL INTERIOR FINISHES

- General interior finishing to be in soft vinyl leather and wooden veneer with satin finish
- Furniture to be combination of solid wood and veneer with satin finish
- Overhead finished in Soffkin vinyl leather panels
- Composite nonporous membrane flooring
- Cedar wood for all hanging closet's backing panel
- Heads finished with gel coat and Quartz countertops
- High quality entrance chrome door lock and stainless steel cabinet door locks subjected to shipyard's standard selections
- DC LED ceiling and courtesy lighting throughout. Lighting fixtures subjected to shipyard's standard selections
- Black out plaid shades for all cabins and heads
- Privacy plaid shades for main deck salon

- (Option: Owner's cabin upgrade queen to king sized bed)
- (Option: Removable custom shaped carpet)
- (Option: Bedding Sets with sheets, blankets, and pillowcases)

SALON

- Panoramic view through large, fixed windows
- Wide opening triple leaf Lewmar sliding salon door with large flip up window
- Large L-shaped dining settee on stbd side
- Dining table on stbd side
- Large L-shaped settee to port
- Coffee table on port side
- Observation settee facing forward
- Cabins access companionways with handrails
- Large galley with central island with bar stools
- Quartz countertops with storage
- Double Schock sinks or equivalent
- Fisher & Paykel 36" Panel Built-In French Door Refrigerator
- Bosch Benchmark Series 30" Black Frameless Induction Cooktop
- Flush mount extraction hood vented outside
- Fusion player entertainment system with two 6 inch Fusion speakers
- (Option: Indoor helm with double seat complete with steering, throttle, VHF and chart-plotter)
- (Options for appliances: Icemaker, washer/dryer combo, dishwasher etc.)
- (Options for entertainment: 50 inch Samsung TV in galley cabinet)

LOWERDECK

- Standard Layout: Portside, three guest suites with heads; Starboard Side, Two VIP suites with heads
- Optional Layouts: 4 cabins w/ galley down, galley forward, up to 6 cabins available

ALL STATEROOMS (Subject to Final Choices of Layout)

- Queen size berth (153cm x204cm)
- Large closet with drawers and closed shelving
- Wall/reading LED lamps on both side of headboards
- Plead blackout blinds over portlights
- Shade and screen over hatches

ALL HEAD & SHOWERS

- Quartz countertops with ceramics sinks
- Storage unit below counter
- Separate shower compartment
- Standard size Tecma toilets with electric freshwater flush

- Kohler faucet and shower unit
- Kohler towel bars and toilet paper holders
- Exhaust fan in all heads
- Mirrors above counter top

ENGINES AND EQUIPMENT

- Two Cummins QSB 6.7 550hp 3300rpm inboard diesel engines with instrument panels & throttle at flybridge helm
- (Option: Two Cummins QSB6.7 715mhp 3300rpm) with heavy duty gearbox ZF 286IV 2.539:1
- (Option: Two CAT C18 1150 HP)
- Two (2) Hungshen five blade bronze propellers
- Aqua 17 high tensile direct transmission shafts
- Hydraulic Steering system, compatible with autopilot system
- Stainless steel emergency tillers
- Fiberglass rudders with stainless steel shaft & reinforcement
- Engine compartment ventilation natural intake of air with mechanical extraction of air
- Engine room with sound insulation materials
- Engine alarm system for low oil pressure and high water temperature
- Frigomar air-conditioning system total 88,000 BTU (Salon with 48,000 BTU in total, lower deck with 20,000 BTU in total for each hull)
- (Option: Spurs Rope cutter)
- (Option: Two (2) Lewmar electric bow thruster 15HP)
- (Option: Additional 16KBTU for enclosed flybridge version, recommended in tropical weather)
- (Option: Yacht wireless docking control system)
- Seaboard marine SMX engine instrument panels (if using Cummins)
- Glendinning EEC3 engine throttles (if using Cummins)
- (Option: Flexible solar panels package in hardtop rated 3420W, with 2 extra GEL batteries (total 225AH at 24V), Victron Solar controller
- (Option: Flexible solar panels package in foredeck rated 2340W with Victron Solar controller) *Please note: final solar output is not equal to the rating of panels, but depends on many factors, including solar radiation, temperature, angle of radiation etc. All estimates are given in good faith but without warranty or liability on part from Granocean Limited*

PLUMBING

- Two (2) integral FRP fuel tanks total volume 5000L with electrical gauge (Option: Additional 3000L, total 8,000L fuel tanks)
- Racor series fuel filter/water separators for each engine
- Diesel emergency shut off valve
- Fuel transfer pumps between fuel tanks (from one hull to the other)
- Two (2) integral FRP water tanks total 1000L with electrical gauge
- Two (2) 24V Electric freshwater pump and pressure accumulator
- Two (2) 80L Quick water heater

- Two 72L PVC holding tanks
- All black water discharge overboard directly from holding tank or pump-out from deck
- Shower drain to greywater sump pump
- Six (6) RULE#2000 electric bilge pumps with separate flow switches
- Two manual bilge pump for emergency, one in each hull
- (Optional: Two (2) Reverso 150 GPH Fuel polishing system)
- (Option: Schenker Water maker 100L/h with commercial filters)

ELECTRICAL

- 24V/230V or 24V/110V electrical system
- Kohler Generator set 20.5KW/50HZ/1PH or 21KW/60Hz/1PH, with sound guard, silencer, fuel filter & separator
- (Option: Second Kohler generator 20.5KW/50HZ/1PH or 21KW/60Hz/1PH with Decision Maker 3500 Paralleling system)
- (Option: 9 KW Kohler second nighttime generator)
- Wiring - Tinned copper marine cables approved by ISO
- CZONE NMEA 2000 network backbone system ready for connection to 3rd party navigation engine systems and other NMEA 2000 network equipment
- Batteries for House bank: GEL deep cycle batteries, total of 900AH at 24V
- Electric windlass and / or electric thrusters: AGM batteries, total of 200AH at 24V
- Engine & Genset Start: two sets of AGM batteries, total of 400AH at 24V House:
- (Option: Extra GEL batteries if solar is chosen) totaling 450Ah at 24V)
- Separate Victron chargers for starting batteries
- Victron Quattro 24V/5000W/120A battery inverter/charger Combo
- LED Lighting throughout 24V DC
- 63 amp single phase shore power inlet with galvanic isolator
- Power circuits protected by circuit fuse and breakers
- Main AC/DC electrical distribution panels
- 24V monitoring alarm panel
- Electrical gauge with indicator at chart table
- Electrical Vimar outlets located throughout excluding engine room
- (Option: Aqualuma underwater lights)

SAFETY

- Automatic Seafire fire extinguishers in engine room
- Hardwired Smoke/heat detectors
- High water alarm in all water-tight bilge area
- Engine & generator with high water temp/ low oil pressure alarm
- Fuel shut-off valve fitted with additional control outside of engine space
- (Option: Plastimo Cruiser Standard Liferaft - Canister - 6 Person)