

DISCOVER THE WORLD

EXPLORER

MOTOR YACHTS

50

SEDAN

SPECIFICATION

1.1 PRINCIPAL PARTICULARS

Length overall	15.67 metres
Length of waterline	13.40 metres
Beam	4.58 metres
Draught	1.10 metres
Displacement	20.70 tons
Water capacity	1,135 litres
Fuel capacity	2,460 litres
Holding tank	322 litres
Range	approx 400 – 800 miles

SUBJECT TO ENGINE SELECTION

MAIN ENGINE

Please refer to price list.

GENERATOR

1 x Onan of 11.0 KW 220V 50 Hz. Including sound shield, water and gas separator, circuit breaker and meter controls on the generator and lower helm station for start/stop, engine hours volts etc.

BOW THRUSTER

1 x 12 V Side Power bow thruster model SE100/185-12V with twin propeller with joy stick for lower and upper helm stations.

1.2 GENERAL CONSTRUCTION

- 1 White gelcoat.
- 2 Hull, main deck, house and flybridge moulded fiberglass.
- 3 Flybridge with sandwich construction.
- 4 FRP fuel and water tanks with baffles and cleaning manholes.
- 5 Interior soles teak and holly throughout except the engine room.
- 6 Teak interior trim.
- 7 Stainless steel aft saloon door (Aritex, Taiwan).
- 8 Aluminium starboard side door (Aritex, Taiwan).
- 9 Rounded frameless window with grey safety glass.
- 10 Four windows to be opening (sliding) including galley window with inside window.
- 11 Mosquito screens.
- 12 Standard rectangular port holes in the cabin trunk window with mosquito screens.
- 13 Cabin Headliner in Cream vinyl.
- 14 One deck hatch on main deck for master cabin (Iewmar).
- 15 FRP rub rail.
- 16 Engine exhausts from Transom.
- 17 All through hull fittings and plumbing to have access hatches to the respective bilge areas.
- 18 Automatic DC lighting to be fitted to bilges.
- 19 Moulded beams and stringer.

1.3 GENERAL (ACCOMMODATION AND INTERIOR)

- 1 Teak paneling and carpentry in all spaces.
- 2 Marine grade plywood throughout.
- 3 Flush cabinetry throughout with new detail.
- 4 Teak and holly flooring throughout.
- 5 Soft vinyl (cream color) headliners with padding – removable panel type attached to the ceiling with Velcro.
- 6 High quality 70% gloss varnish for interior finish.
- 7 Good quality door locks saloon and cabin doors (Southco).
- 8 Switches and AC outlets from Vimar.
- 9 Foam and lead Sound insulation to be used throughout the engine room including bulkheads.
- 10 Teak and stainless steel wheel for lower station and stainless steel for upper station.
- 11 Colour choice for interior fabrics – ultra leather for sofas – STD fabric for curtains, mattress covers included in the price. Sunbrella for exterior cushions also included in the purchase price.
- 12 Air conditioning outlets to be groove design with air con outlets in saloon and forward accommodation.
- 13 All doors to be properly secured in open position.
- 14 Access to engine room under the hinged companion way steps.

1.4 MAIN DECK

- 1 FRP Swimming platform with teak laid on top.
- 2 Teak decks on aft deck and side decks to forward steps. Non-skid forward deck and flybridge.
- 3 High quality Suzhou swimming ladder fitted under swimming platform.
- 4 One FRP Transom door and one FRP door starboard and port side bulwark.
- 5 FRP cabinet on flybridge with electric BBQ (Nadi) and sink with faucet, Ice maker/fridge under the sink. (U-Line ice maker / fridge, C029).
- 6 FRP bow pulpit with twin stainless steel rollers.
- 7 Muir anchor winch (HR 2500) with anchor windlass wiring and circuit breaker (N.B. all wiring to be suitable for the application.) Windlass to be controlled from three stations. Lower helm station and flybridge helm station to have MUIR remote auto anchor chain counters. Foot switches for up/down next to Bow locker. Two Hella LED lights positioned port/starboard bow coaming to light up anchoring arrangement.
- 8 66lbs Bruce anchor.
- 9 200' galvanised anchor chain.
- 10 Fresh and salt water wash down bow and aft deck.
- 11 Bow and stern staffs.
- 12 Teak caprail (oil or varnish is optional).
- 13 1-1/4" 316 stainless steel stanchions highly polished.
- 14 Hot and cold transom shower in aft deck.
- 15 Two shore power connections – one in aft deck and one next to starboard saloon door.
- 16 Fuel, oil and fresh water inlets to be recessed into superstructure so that they are not on deck.
- 17 Sufficient stainless steel fairleads and cleats - Fairlead/cleat – 2 bow, 2 mid ships and 4 aft (Explorer Roman cleat for bow).
- 18 Suitable scuppers/drains.
- 19 FRP integral stairs from aft deck to flybridges. Hella LED lights fitted to each step.
- 20 Engine air intake port and starboard amidships on the superstructure with dorade.
- 21 Hatch with rubber gasket in aft deck with stainless steel gas struts for access to lazarette.
- 22 Stainless steel steps with teak steps down to lazarette.
- 23 White floor boards in lazarette as per the engine room.
- 24 Hella LED lights for side decks and under flybridge / hard top.
- 25 Hella LED lights for the two steps amid ships port and starboard including flybridge steps and next to anchoring system.

1.5 FLYBRIDGE

- 1 Non-skid on flybridge (small diamond pattern).
- 2 Helm station in the middle (incorporated in the tooling).
- 3 Standard full engine instrumentation and alarms (see "Main Engines").
- 4 Storage in flybridge brow.
- 5 Hydraulic steering (Hynautic).
- 6 Yanmar DTM electronic engine controls.
- 7 Stainless steel wheel.
- 8 Compass (Ritchie).
- 9 Stainless steel windshield with tinted lexan or acrylic. (Sealed with clear sealant).
- 10 FRP radar arch with FRP hard top with stainless steel support.
- 11 Explorer logo from Aritex.
- 12 Hella LED navigation lights.
- 13 Seating as per drawing with sufficient Perko lights.
- 14 One FRP or teak table with stainless steel post.
- 15 White vinyl cushions (removable) with foam.
- 16 Heavy duty 12 V wiring for davit.
- 17 Two single helm chairs from Springfield (Pneumatic Adjustment).
- 18 Stainless steel sliding flybridge hatch from Aritex.
- 19 Suitable water drainage.
- 20 12 V Cable and FRP support for search light.
- 21 12V DC outlet.
- 22 Fusion system(MS-IP700 x 1 + MS-FR602 x 4 + MS-WR600 x 1).
- 23 3 Hella led flood lights, one on aft of hardtop, two on aft of flybridge.
- 24 3 cup holders and 2 binoc holders each side.
- 25 3 Hella LED red night lights with dimmer switch.

1.6 LOWER HELM STATION

- 1 Complete engine instrumentation and alarms.
- 2 Engine hour meters.
- 3 Hydraulic trim tabs from Bennett with dual rams (4812DSRS) with indicators.
- 4 Electric air horn with single trumpet.
- 5 DC outlet.
- 6 Three electric windshield wipers and washers (Double arm wipers).
- 7 Yanmar DTM electronic engine controls.
- 8 Hydraulic steering (Hynautic).
- 9 12V / 220 V wiring system throughout, switchboard with circuit breakers (AC and DC combined panel) Volt amp meters etc. Panel to be color coded and numbered. Four spare circuit breakers for AC and DC when possible.
- 10 Fixed windows forward.
- 11 Local vinyl same as for the ceiling cover for lower helm.
- 12 Compass (Ritchie).

- 13 Teak stairway (hinged type down to accommodation).
- 14 WEMA fuel and water gauges.
- 15 Square lower helm console.
- 16 2 cup holders.
- 17 3 Hella Led red night lights lower helm with dimmer switch.
- 18 Mimic panel.

1.7 SALOON

- 1 Built in "L" or U shaped settee with Ultra leather trim on all interior sofas (Buyer's choice of color and style, from Pinghu sofa maker).
- 2 Hi-lo table.
- 3 Insect screens on all opening windows.
- 4 T.V. antennae outlet to be fitted as required (Cable to be runned to hardtop).
- 5 Starboard side entertainment, Manship TV lift and 32" TV.
- 6 Teak and holly sole.
- 7 Hatches to access engine room with stainless steel ladder and teak steps. Gas struts fitted to the hatches.
- 8 Hella LED spot lights, dimmerable.
- 9 Headliner to be removable and attached with Velcro, cream vinyl.
- 10 All furniture and bulkheads to be teak.
- 11 Push knobs for all drawers throughout the interior (Seaworld).
- 12 Valance for all windows with standard curtain fabric.
- 13 Vimar AC outlets.
- 14 Companion way steps courtesy lights (Hella LED).
- 15 Bose system.

1.8 GALLEY

- 1 Staron bench top.
- 2 Insect screen on all openings.
- 3 Galley faucet.
- 4 Smeg 4 burner electric Hob.
- 5 Smeg microwave/ convection oven.
- 6 Vimar AC outlets.
- 7 Double stainless steel sink.
- 8 Isotherm Fridge/Freezer - Cruise Inox CR200.
- 9 Drawers and cabinets all flush style with new detail.
- 10 Overhead locker for storage cabinet with rounded/curved end.
- 11 Exhaust blower.
- 12 Teak and holly sole.
- 13 Push knobs for all cabinets and drawers(Seaworld).
- 14 Fittings for cups / plates and crockery. Etc.
- 15 Air-conditioning outlets.

1.9 PORT GUEST CABIN

- 1 Two single berths which can be combined to make a double.
- 2 Cedar lined hanging locker with automatic light (Hella LED).
- 3 Insect screens to be fitted to port holes.
- 4 Teak and holly sole.
- 5 Two Hella LED reading lights.
- 6 Hella LED spot lights dimmerable.
- 7 Vinyl headliner removable attached with Velcro.
- 8 Mattresses 6" foam fabric covered.
- 9 Southco door lock.
- 10 Push knobs for cabinets and drawers (Seaworld).
- 11 Vimar AC outlets.
- 12 Air-conditioning outlets.

1.10 GUEST HEAD

- 1 Teak with floating mirror ceiling and 12V rope light.
- 2 White shower stall with high gloss teak grating.
- 3 Insect screens on port holes.
- 4 Staron counter top with white ceramic sink and faucet.
- 5 Shower faucets.
- 6 Large shower sump tank.
- 7 Mirror (bevelled).
- 8 Tecma fresh water electric head.
- 9 Three way valve for direct/deck discharge or to holding tanks.
- 10 Exhaust blower.
- 11 Hella LED lights.
- 12 Push knobs for cabinets and drawers (Seaworld).
- 13 Shower door, frosted safety glass.
- 14 Teak and holly floor in the head high gloss.
- 15 Bathroom fittings.

1.11 MASTER CABIN

- 1 Island bed with four drawers fitted under.
- 2 Mattress 8" thick soft foam with fabric covering.
- 3 Insect screens on all opening port holes including hatch.
- 4 Cedar lined wardrobes with automatic light (Hella LED).
- 5 Teak and holly sole.
- 6 Vinyl headliner removable with Velcro.
- 7 Hella LED spot lights, dimmerable.
- 8 Two Hella LED reading lights either side of the island bed.
- 9 Push knobs for cabinets and drawers (Seaworld).
- 10 Southco door lock.

- 11 Deck hatch (Lewmar).
- 12 Vimar A/C outlets.
- 13 Two lockers above the island bed.
- 14 Air-conditioning outlets.

1.12 MASTER ENSUITE HEAD

- 1 Teak with floating mirror ceiling and 12V rope lights.
- 2 White Shower stall with shower faucet .
- 3 Insect screens on port holes.
- 4 Staron counter top with white ceramic sink and faucet.
- 5 Large shower sump tank.
- 6 Bevelled mirror.
- 7 Tecma fresh water electric head.
- 8 Southco door locker.
- 9 Three way valve for direct/deck discharge or to holding tank.
- 10 Exhaust blower.
- 11 Push knobs for cabinets and drawers (Seaworld).
- 12 High gloss teak floor grating.
- 13 Teak and holly floor in the head high gloss.
- 14 Bathroom fittings.

1.13 ENGINE ROOM / MACHINERY SYSTEMS

- 1 Engine exhausts to exit transom.
- 2 Trim tabs Bennett (4812DSRS) with indicator.
- 3 White non skid flooring for engine room sole and lazarette.
- 4 Groco internal raw sea water strainers (suitable size for engines).
- 5 Twin Racor fuel filters for main engines.
- 6 One Racor fuel filter for generator.
- 7 Stainless steel shafts.
- 8 P.Y.I dripless stern glands.
- 9 Heavy duty bronze underwater brackets with cutlass bearings.
- 10 Propellers 4 bladed (Hung Sheng S class).
- 11 Rudders stainless steel blades/stainless steel shafts.
- 12 Hynatic hydraulic steering.
- 13 12 VDC Engine room blowers and air intake vents.
- 14 Superior engine room sound proofing material - foam and lead.
- 15 White aluminium perforated sheets to cover all bulkheads and fuel/water tanks etc.
- 16 Four automatic electric bilge pumps. Engine room bilge pumps high water alarm.
- 17 Manual bilge pump.
- 18 Stainless steel fuel manifold and fuel return manifold.
- 19 FRP fuel tanks with baffles (to be tested to 5 PSI).
- 20 FRP Water tanks with baffles (to be tested to 5 PSI).

- 21 Sight gauges, self closing cocks and tank vents fitted to fuel and water tanks.
- 22 Fuel tanks to have cross over valve.
- 23 Rubber fuel lines.
- 24 Blue cold fresh water plumbing.
- 25 Red hot fresh water plumbing.
- 26 White sea water plumbing (all FDA approved).
- 27 Yanmar DTM electronic engine controls.
- 28 Seacocks on all through hulls below water line (bronze good quality seacocks).
- 29 Double hose clamps on all pipes.
- 30 20 gallon hot water tank (Seaward).
- 31 Pressurised fresh water system (PAR or Shurflo with combined pressure tank).
- 32 1 x 100amp 12 V battery for generator starting to be housed in FRP box and securely fastened.
- 33 2 x 200amp 12 V batteries for each engine starting to be housed in FRP box securely fastened.
- 34 2 x 200amp 12 V batteries for house to be housed in FRP box and securely fastened.
- 35 1 x 200amp 12 V battery for bow thruster housed in FRP box and securely fastened.
- 36 Motorized battery disconnect switch.
- 37 Battery parallel switch to combine house batteries to engine starting batteries.
- 38 One Mastervolt battery charger 12/50-3.
- 39 One Mastervolt Mass combi inverter/charger 12/2000/100.
- 40 DC exhaust blower outlet.
- 41 Copper bonding throughout.
- 42 FRP rudder tubes.
- 43 Stainless steel rudder blades.
- 44 FRP muffler for main engines.
- 45 Fresh water outlet with hose forward bulkhead of engine room.
- 46 FRP drip tray under engine room, gearbox and fuel tanks.
- 47 FRP exhaust for main engines.
- 48 Motorized 12 V engine isolation switches.
- 49 FRP holding tank with macerator pump for dockside or overboard discharge.
- 50 Six Hella LED DC lights in engine room.
- 51 All bilge pumps to be hot wired directly to the batteries with visual alarms for lower and flybridge helm.
- 52 12V sump pumps for each shower.
- 53 All pipings are to be securely supported and braced to prevent damage by vibration etc.
- 54 Stainless steel safety guards around both engines.
- 55 Dockside water connection (Par).

1.14 ELECTRICAL SYSTEM

- 1 All wiring to be double sheathed, conduited and numbered on the control panel for wiring.
- 2 220V AC and 12V VDC cables to have distinctive color code for easy identification and numbered.
- 3 All cables rating are to be in excess of the maximum load current.
- 4 Two 220 V shore power inlets. Shore power indication to show on main electrical panel.
- 5 Electrical panel to have device for interlock between shore supply connection and the generator supply.
- 6 BEP main switch panel.
- 7 Four units split type reverse cycle marine air-conditioning systems from Dometic
 - 2 x 16.000 BTU for main saloon
 - 1 x 12.000 BTU for master cabin
 - 1 x 12.000 BTU for guest cabin.
- 8 12V heavy duty wiring for davit on the flybridge.
- 9 12V heavy duty wiring for the Side power bow thruster.
- 10 All circuit breakers to be of adequate size for the application.
- 11 The boat shall be grounded throughout including all seacocks.
- 12 All electrics to comply with current Australian regulations.

1.15 FIREFIGHTING

- 1 Automatic and manual Sea Fire FD 400 MA fire extinguisher to meet Australian rules.

1.16 MISCELLANEOUS

- 1 Zinc anodes on rudders, shafts and transom and trim tabs.
- 2 Emergency tiller secured in lazarette.
- 3 Steering gear compartment to be well ventilated.
- 4 Interlux protect 2000E system with epoxy protection (Two coats).
- 5 International primer and Black anti-fouling 2 coats.
- 6 Black boot stripe with 1" gap and then the black anti foul

NOTE: CE REQUIRED FOR EUROPE

ALL WEIGHTS AND MEASUREMENTS ARE APPROXIMATE

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SPECIFICATIONS

All weights and measurements are approximate. Explorer Motor Yachts are built to CE conformity and carry the plates and documentation. Please note that as specifications are under constant review and can change, actual fittings may differ from those listed herein.

DECLARATION

All prices quoted are ex Explorer Motor Yachts HK. Explorer Motor Yachts or its authorised dealer will not be liable "in contract or otherwise" for any loss resulting from the inaccuracy of any information contained in this document. Appropriate deposits paid to Explorer Motor Yachts at time of order will establish firm pricing.

TANK CARE

For useable capacity do not rely on more than 90% of tank capacity. Actual usual capacity will vary according to boat trim and sea state.