

Pacific Expedition Yachts PE50

Standard Specifications

LOA 53' 00"

LWL 49' 0

Beam 25'

Hull Beam 5' 08" @ W/L

Draft 3' 06"

Displacement 52,000 lbs Light Ship

Fuel 1200 gals

Water 300 gals

Black Water 300 gals

Engines 2 x 330 hp QSB 5.9 Cummins diesel

Exterior and Hull

Standard spec reflects the suggestions of PEY and it's trade partners for reliability and performance. Additional option such as electronics, navigation equipment and interior designs are available based on the preference of the client. This spec reflects a fully operational boat.

Exterior and Hull

Pacific Expedition Yachts construction methods have been chosen for the highest strength and quality available today. Only proven methods and materials of the highest standards are utilized in order to ensure the greatest safety, range at sea, as well as sound control, in the industry today.

Construction is advanced fiberglass foam and honeycomb sandwich using knitted bi-and tri-axial fabrics in vinyl ester and epoxy resins. Standard finish is white LP paint. Windows are tinted tempered glass directly flush mounted in molded frames. Decks are fiberglass with patterned non-skid surfaces. Decks are sloped to scuppers with large overboard drains. Vinyl ester resin with secondary epoxy resin seal coats including Kevlar are used below the water-line and finished with 2 coats of bottom paint.

Bow spring and stern cleats, 12" alloy.

2 x 40" x 20" anchor locker hatch.

Hawse pipes 316 stainless steel.

2 x 20" x 20" overhead stateroom hatches.

Custom 316 SS twin anchor bow roller.

Anchor

200' 3/8" BBB galv. chain.

SS dual gypsy windlass.

Four Lewmar hatches in master cabin

Hinged transom step door x2
Swim platforms x2
Cockpit sink with fresh water (hot and cold)
Seawater wash-down system at bow and cockpit
Three x 2" fuel fill fittings
Two 1 1/2" water fill fittings
One 1 1/2" waste pump out fitting
316 stainless steel, bow and side deck rails
316 stainless steel, upper deck rails
316 stainless steel, ladder from cockpit to upper deck
316 stainless steel bow rollers
10-year hull warranty
VE and epoxy bottom laminate with co-woven Kevlar
Cored hull and superstructure
Black hull guard with 316 stainless steel insert
Black anti-fouling paint (two coats)
A vivid array of colors available for hull, included in base price
Painted boot stripe with mylar sub stripe
Molded high density composite keel protect props and supports rudders
Pilothouse side door, custom
4 x 40'-3/4" nylon dock lines
6 x polyfoam 12" x 34" fenders

Boat deck

Boat deck to accommodate 14' tender
Steelhead 800lb 120 volt davit
Custom radar mast
SS safety rails all round
Aqua Signal International navigation lights
Anti-slip surfaces

Fly Bridge

Access to pilothouse and aft deck
Tinted acrylic wind deflector
Helm seat
Guest seating and table.
Cummins electronic engine controls
Hydraulic steering
Furuno Chart Plotter/Sounder/radar
Furuno Auto Pilot
Magnetic compass
VHF radio
Horn

Engine Rooms

Full headroom, sound insulated
Fireboy automatic fire suppression system
Hydraulic steering cylinders w/ SS piping
Air exchanger system
Marelon thru hull fittings
Valved fuel tank selection system
Custom sea-chest
Racor dual fuel water separators
Tides Marine shaft seals
6 Rule 3500 gph bilge pumps
Stainless steel prop shafts
Fume, fire, bilge water senders to P/H monitor
4 bladed bronze propellers
Rudder stuffing box above waterline

Mechanical Systems

Cummings main engines x2
Onan generator in sound shield
2" stainless alloy shaft
Racor filter for generator
Air-sep system on main engine
Custom exhaust system for main and generator
Waste discharge system with macerator
Electronic shift and throttle system
Bilge high water alarm system

Tankage

Tank monitoring systems for all tanks
Fresh water pressure system with accumulator tank
Two water tanks with sight glass
Six integrated fuel tanks
Integral waste tank

Steering System

Autopilot valve system installed
Bronze tiller arms
Integral rudder port / dripless seal
SS helm wheel
Hydraulic helm pump and steering cylinder

Electrical

50 amp. shore power socket. stbd.
Metered AC/DC switch panel with magnetic circuit breakers.
Individual engine start batteries.

40 foot 50 amp. shore power cable.
12 volt halogen lights throughout. LED optional
110 volt power outlets. .
2 x 120 amp main engine alternators.
120 volt fluoro's, engine rooms
Tank gauges, fuel, fresh and black water.
AC and DC distribution panels in pilothouse with digital meters
Six 8-D AGM batteries for house (735 Amp Hours)
One AGM battery for generator start
One sealed gell emergency bat system for communications
Battery selector switch with parallel capacity
Magnum 2800w PureSine inverter / charger and battery monitor system
Defroster system for windshield in pilothouse
Dual trumpet air horn
Shore power inlets in cockpit
12v courtesy lighting throughout boat - LED optional..

Pilothouse/Sky Lounge

Marine tinted glass windows all round.
3 - 20" 2 speed self parking wipers. .
Stainless steering wheel
Adjustable helm seat with footrest
Teak and holly laminate sole
Carpeted access stairs
Pilot berth/day seating
Rear access to boat deck and flybridge
Manufacturers engine instrument panels
AC/DC switch control panel
Fume, fire, bilge water alarm monitor panel
Magnetic Compass.
Ergonomically designed instrument layout
Nav package includes
NavNet 3D
Furuno GPS, Color Chart
Furuno 48 Nautical Mile color Radar.
Furuno Auto Pilot.
Plotter/Sounder.
VHF radio.

Helm

Chart drawer.
Stainless lights for overhead lighting
Night lighting over helm station (red)
Two stereo speakers
12v and 110v outlets
Watertight door to starboard

Sky Lounge

Custom Ultra leather covered settee

Table

Storage cabinets

Stainless lights for overhead lighting

Entertainment system, with optional flat screen TV, DVD player

Galley

12 volt LPG safety switch.

Galley

Refrigerator with icemaker and custom doors with locks

Countertops: Solid Surface

Custom cabinetry/paneling -

GE stainless steel cook top – Electric or LPG with 110v start

GE stainless steel oven - 240v

GE convection/microwave oven stainless steel

Overhead: Whisper wall systems Majalite vinyl panels

G.E. 24" dishwasher

Ventilation system for stove

Multiple 110v outlets

Stainless steel sink, double

Saloon

Light and airy open living area incorporates saloon, dining area and residential quality furnishings.

Rear sliding or hinged door

Comfortable L shaped lounge seating

Optional 50" PLASMA TV, entertainment center with DVD, AM/FM radio

Carpet/hardwood in salon dining area

Tinted toughened glass windows

Custom Ultra leather covered settee

Stainless lights for overhead lighting

Stereo speakers

110v outlets and cable outlets

Master Stateroom

King island berth with drawers and storage under, full size no taper

Nightstand on each side of berth with drawers under

Large hanging lockers/drawers

Reading lights over night stands

Two stainless steel port lights with screens

Love seat from ultra-leather or additional drawers

110v outlets

En-suite head

Mirrored vanity
Domestic size heads
Domestic shower & basin faucets
Exhaust fan
Overhead lighting
GFI power outlet
Textured finish walls and shower

Port and Starboard Staterooms (same)

Queen or opt King size beds and mattress with side table
Alternate bunks available
Hanging locker and shelves
Large side windows
Overhead lighting
Two stainless steel port lights with screens
110v outlets

En-suites Heads

Fiberglass shower stalls.
Mirrored vanity.
Domestic size heads.
Domestic shower & basin faucets.
Exhaust fan.
Overhead lighting.
GFI power outlet.
Texture finished walls

Interior Finish/ Trim

Sepele Mahogany custom cabinetry
Overhead in marine grade headliner with foam backing
Ultra leather seating throughout
High quality carpeting where needed
Hand holds and safety railings

Safety

Four portable fire extinguishers
Automatic fire extinguishing system in engine room
Automatic engine fire shut down and bypass
Ships bell
Horn
Spotlight
Nav Lights
Equipment subject to change.