

THIS IS INSPIRED LUXURY.

L
—
650



L 650

OVERALL LENGTH WITH EXTENDED SWIM PLATFORM	65'1" 19.84 ^M
BEAM	17'2" / 5.23 M
DRAFT (INBOARDS)	61" / 155 CM
DRY WEIGHT (INBOARDS)	73,500 LBS / 33,339 KG
DEAD RISE	16°
WASTE CAPACITY	100 GAL / 379 L

 **1,030** ^{GAL}
3,899 L
  **280** ^{GAL}
1,060 L
  **4** ^{STATEROOMS}



SEE IT NOW.

Download the cutting-edge
L650 Augmented Reality
app for the iPhone® and iPad®.



EXTERIOR



MAIN LEVEL



LOWER LEVEL

Apple, the Apple logo, iPhone, iPad, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

OUR EXQUISITE FLAGSHIP IS SCULPTED FROM THE FINEST MATERIALS AND DESIGNED TO TRANSPORT OWNERS TO A NEW WORLD OF SHIMMERING POSSIBILITIES. A TESTAMENT TO THE VIRTUES OF BOLD INITIATIVE AND PERFORMANCE, SHE HAS TWIN 1,150 HORSEPOWER CATERPILLAR® ENGINES, WHICH DELIVER AN EXCEPTIONAL CRUISING SPEED, AND MOVES WITH GRACE THANKS TO STANDARD BOW AND STERN THRUSTERS. FOR THE ULTIMATE IN PAMPERING, YOU EVEN HAVE THE OPTION OF ADDING A CREW QUARTERS.



HELM

THE CONTROL STATION INCLUDES DUAL STIDD® HELM SEATS, DUAL RAYMARINE® E125 RADAR/GPS/CHARTPLOTTERS, AUTOPILOT, ELECTRONIC THROTTLE & SHIFTS AND STANDARD BOW & STERN THRUSTER CONTROL.



GALLEY

THE "GALLEY UP" DESIGN ALLOWS FOR A WELL LIT COUNTERTOP AND SOCIAL INTERACTION. FEATURES INCLUDE AN UNDER-COUNTER FREEZER W/ ICEMAKER, UNDER-COUNTER REFRIGERATOR, THREE-BURNER STOVE, MICROWAVE/ CONVECTION OVEN, POWER VENT, AND STORAGE.



SALON

SKYFLOW DESIGN, W/ RETRACTABLE SUNROOF AND LARGE WINDOWS, DISSOLVE THE LINE BETWEEN INDOOR AND OUTDOOR SPACES ALLOWING NATURAL LIGHT INTO THE BOAT LIKE NEVER BEFORE. AMENITIES INCLUDE A HOME THEATER SYSTEM WITH 50" FLATSCREEN LED SMART TV.



MASTER STATEROOM

OWNERS CAN REJUVENATE IN SUPREME COMFORT IN THE INVITING, FULL BEAM, MID SHIP STATEROOM. STRATEGICALLY PLACED HULL WINDOWS BRIGHTEN THIS FULL-BEAM MASTER, WHICH ALSO FEATURES AN EXPANSIVE CLOSET SYSTEM AND LUXURIOUS PRIVATE HEAD.



COCKPIT

THE COCKPIT IS ITS OWN EXTERNAL LIVING AREA REplete WITH TEAK TABLE, L-SHAPE LOUNGER AND A FULL FEATURE WET BAR.



ENTERTAINMENT

THE LARGE OPENING DOORS ALLOW FOR CONTINUOUS SUNROOM & COCKPIT INTERACTION.

FEATURES & STANDARD EQUIPMENT

HULL & DECK FEATURES

Bottom Paint
Bow Rail, 316 Stainless Steel w/Welded Stanchions,
Intermediate Rails & Life Lines
Cleats, Thru-Bolted - Stainless Steel (10)
Deck Fill Plates, Stainless Steel
Deck Rails, 316 Stainless Steel
Gel Coat, Arctic White
Graphics, Striping
Handrails, 316 Stainless Steel
Hardtop, Fiberglass w/Retractable Glass Sunroof
and Sunshade
Hatch, Deck Vent - Translucent w/Locks &
Sky Screen Cover
Hull Windows, Smoked Acrylic
Lights, Navigation
Lights, Underwater - Transom (4)
Portlights (Opening)
Resin, High-Performance Vinylester
Rub Rail, PVC w/Stainless Steel Insert
Seating, Recessed w/Sunpad - Foredeck
Storage for Fenders, Canvas & Optional Shade System
- Foredeck
Storage, Transom Wall (For Lines & Gear)
Swim Platform, Hydraulic Marine Lift with Remote &
Manual Pump (1200 LB Capacity), Concealed Swim
Ladder w/Integral Grab Handle
Thru-Hull Fittings, Stainless Steel
Vent System, Engine Room
Windshield, Tempered/Tinted Glass w/Electric
Opening Window (Starboard)
Windshield Wipers (3)
Yacht Flag & Flagpole

CANVAS (SUNBRELLA®)

Cockpit Seating Covers
Foredeck Seating Cover
Windshield Shades

CERTIFICATIONS:

CE, Category B
Meets Applicable USCG & ABYC Standards
NMMA Certification

MOORING SYSTEM:

Anchor, Galvanized
Anchor Chute, Stainless Steel
Anchor Chain Storage w/Gas-Assisted Hatches
Anchor Washdown Spigot w/Hose
Windlass, Chain w/Foot Switches

COCKPIT FEATURES

Awning, Electric Retractable - Cockpit
Beverage Holders
Door, Cabin Entry, Frameless 4-Pane, Sliding
& Lockable w/Flush Threshold
Door, Transom Gate (Stbd Cockpit Entry)
Door, Lazarette/Crew Quarters Entry, Pantagraph
Floor Liner, Self-Bailing Fiberglass
Grill, Electric
Gates, Side Boarding - Port & Stbd
Handrails, 316 Stainless Steel
Hatch, Engine Service - Gas-Assisted

Lighting, LED
Outlet, 120V GFI Protected
Seating w/Storage
Steps, Boarding (Molded-In)
Wet Bar w/Sink, Faucet, Solid-Surface Countertop,
Stainless Steel Handrail & Trash Receptacle

DAY HEAD (LAZARETTE):

Air Conditioning/Heating (6,000 BTU)
Handrail, Stainless Steel
Head, VacuFlush®
Mirror
Portlight, Opening
Power Vent, 24V
Sink w/Faucet
Shower
Storage, Cabinet
Towel Ring

CABIN FEATURES

Carbon Monoxide Monitors
Carpet, 55-Ounce 100% Stainmaster®
Blinds, Custom
Doors, Solid Wood
Handrails, Stainless Steel
Lighting, LED
Outlets, 12V Accessory
Outlets, 120V GFI Protected
Outlet & Switch Plates - Polished Chrome Finish
Pillows, Accent
Storage, In-Floor
Vacuum, Dyson Cordless Upright
Washer & Dryer, Full Size - Individual

INTERIOR FINISHES & TREATMENTS:

Wood Cabinetry: Quartered Walnut
Window Treatment: Silver Alloy Blinds
Carpet: Dark or Light

SALON SUNROOM:

Area Rug
Entertainment Center:
- Bose® Soundbar
- TV, 50" LED Flatscreen & Blu-ray™ Player
Flooring, Wood
Handrail, Stainless Steel
Outlets, 120V GFI Protected
Ottomans (2) Movable with Dual Purpose Tops
(Cushions or Cocktail Tables) & Storage Below
Seating, Sofa - Opposing w/Storage
Storage Cabinets
Table, End w/Solid Surface Top

DINETTE:

Flooring, Wood
Seating, Curved w/Storage Below
Storage, Cabinets with Slide-Out Drawers
& Glass Racks
Table, Dinette with High-Gloss Wood Surface;
Drawer w/Storage Cabinet Below

GALLEY:

Countertop, Solid Surface w/Sink, Single-Lever
Faucet & Sink Cover
Flooring, Wood
Freezer w/Icemaker, Under Counter - 120V
Handrail, Stainless Steel
Microwave/Convection Oven - 120V
Power Vent, 24V
Refrigerator, Under Counter - 120V
Storage, Cabinets
Storage, Cabinets - Electrically Actuated, Pop-Up
Storage, Drawers w/Cutlery Insert
Storage, Designated Plate & Glass
Stove, Three-Burner - 240V
Trash Receptacle

MASTER STATEROOM (FULL BEAM - AFT):

Bed, Queen Size w/Innerspring Mattress, Pillows,
Sheets, Coordinated Spreads & Drawer Storage
Below
Closet System, Cedar Lined w/Lights
Door, Privacy w/Full Length Mirror
Dresser, Port & Stbd Storage
Entertainment Center:
- Bose® Soundbar
- TV, 40" LED Flatscreen & Blu-ray™ Player
Flooring, Carpet
Night Stands with Drawer Storage Below
Portlight, Opening
Vanity, Pull Out w/Removable Seat

MASTER STATEROOM HEAD/SHOWER:

Door, Privacy w/Access from Master Stateroom,
Mirrored
Flooring, Tile
Handrails, Stainless Steel
Head, VacuFlush®
Portlight, Opening
Power Vent, 24V
Robe Hook
Shower w/Seat, Adjustable Shower Wand, Rain
Shower & Acrylic Door
Storage, Medicine Cabinet - Mirrored
Towel Bar & Ring
Towels - Sea Ray
Vanity w/Solid Surface Countertop, His & Her Vessel
Sinks, Faucets, Storage & Trash Receptacle

FORWARD STATEROOM:

Bed, Queen-Size with Innerspring Mattress, Pillows, Sheets, Coordinated Spreads & Storage
 Door, Privacy
 Door, Privacy w/Access to Dedicated Head/Shower
 Entertainment Center:
 - Bose® Soundbar
 - TV, 32" LED Flatscreen & Blu-ray™ Player
 Flooring, Carpet
 Hanging Locker, Cedar Lined w/Light
 Mirror
 Portlight, Opening
 Skylight
 Storage, Drawers

FORWARD STATEROOM HEAD/SHOWER (PORT):

Door, Privacy, Mirrored
 Flooring, Tile
 Handrail, Stainless Steel
 Head, VacuFlush®
 Portlight, Opening
 Power Vent, 24V
 Robe Hook
 Shower w/Seat, Adjustable Shower Wand & Acrylic Door
 Storage, Medicine Cabinet - Mirrored
 Towel Bar & Ring
 Towels - Sea Ray
 Vanity w/Solid Surface Countertop, Vessel Sink, Faucet, Storage & Trash Receptacle

MID STATEROOM (3RD STATEROOM - STARBOARD):

Beds (2), Twin w/Pillows, Sheets, Coordinated Spreads & Storage (Converts to form Queen Size Bed)
 Door, Privacy w/Full Length Mirror
 Flooring, Carpet
 Hanging Locker, Cedar Lined w/Light
 Portlight, Opening
 Storage, Cabinet
 Storage, Shelf
 TV, 24" LED, w/Remote Blu-ray™ Player

GUEST HEAD/SHOWER (STARBOARD):

Door, Common, Mirrored
 Flooring, Tile
 Handrail, Stainless Steel
 Head, VacuFlush®
 Portlight, Opening
 Power Vent, 24V
 Robe Hook
 Shower w/Seat, Adjustable Shower Wand & Acrylic Door
 Storage, Medicine Cabinet - Mirrored
 Towel Bar & Ring
 Towels - Sea Ray
 Vanity w/Solid Surface Countertop, Vessel Sink, Faucet, Storage & Trash Receptacle

MID STATEROOM (4TH STATEROOM - PORT):

Beds (2), Twin w/Pillows, Sheets, Coordinated Spreads & Storage
 Door, Privacy
 Flooring, Carpet
 Hanging Locker, Cedar Lined w/Light & Mirror
 Storage, Cabinet
 Storage, Shelf
 TV, 24" LED, w/Remote Blu-ray™ Player

TECHNICAL FEATURES

AIR CONDITIONING/HEATING:

Zone-Controlled Reverse-Cycle System, 240V (90,000 BTU)
 Custom Integral Vent System
 Directional A/C Vents - Interior

CONTROL STATION:

Alarms, High Water - Bilge & Cabin
 Battery Parallel Start System - Engines
 Bow & Stern Thruster Controls, 24V
 Compass
 Defroster, Windshield
 Horn, Air - 24V
 Instrument Panel
 Instrumentation:
 - 6.3" LCD Display w/Auto Dimming & Enhanced Contrast in Daylight (Includes: Engine & Gear Box Data, Graphic Presentation of Analogue Instruments, Display of Alarm Status & Fuel Flow) (2)
 - Fuel Gauges (2)
 Seating, Dual Stidd Helm Seats each with Armrest, Reclining Backrest, Stainless Steel Fold-Down Footrest & Heavy-Duty Pedestal with Slide, Swivel & Vertical Adjustment
 Shift & Throttle Controls, Electronic
 Spotlight w/Dual Halogen Bulbs - Remote Controlled Steering, Power w/Tilt Wheel
 Switch Panel, Backlit
 Switches, Illuminated Weatherproof Rockers & Electronic Dimmer Control
 Systems Monitor, Digital LCD - For Pump Monitoring
 Wiper Controls

ELECTRICAL SYSTEMS:

Batteries, Odyssey AGM Sealed
 Battery Charger/Converter, 240V/50 Amp/24V
 Battery Charger Over-Current Protection
 Battery Equalizer, 60 Amp (2)
 Battery Solenoid Switches, 12V (2), 24V (2)
 Cable Television System with Inlet, TV Shore Cord, Coax Outlets, Gain Control & Antenna
 Panel, Circuit Breaker - Remote
 Panel, AC Main Breaker
 Panel, Main Distribution - DC
 Shore Power, Cablemaster™ (Glendinning) 240V/50 Amp w/85' Cord & Wireless Remote (Cablemaster N/A w/220V/50 Cycle Shore Power)
 Transformer, Shore Power Isolation - 240V/50 Amp
 Wiring, Color-Coded w/Chafe Protection

ELECTRONICS (CONTROL STATION):

Autopilot, Raymarine (Interfaced Through Chartplotter)
 Electronics Circuit, 12V/50 Amp
 Hailer Horn, Raymarine 220
 Raymarine e125 Widescreen, 12.1" Color LCD Radar/GPS/Chartplotter with Integrated 4-kW HD Open Array Scanner - Primary Display
 Raymarine E125 Widescreen, 12.1" Color LCD GPS/Chartplotter Auxiliary Display
 VHF Radio w/Remote Speaker & 8' Fiberglass Antenna

ENGINE ROOM:

Bilge Pumps, 24V Automatic
 Bilge Pumps, 24V Automatic High-Water (1 Bilge, 1 Cabin)
 Fan, Oscillating - 120V
 Fire Extinguishers
 Fire Suppression System - Automatic w/Diesel Shutdown, Override & Manual Pull
 Flooring, Fiberglass
 Freshwater Cooling
 Gel-Coated Engine Room
 Insulation, Engine Room - 2" w/Loaded Vinyl Barrier
 Ladder, Stainless Steel - Removable/Swing-Away
 Lighting, 24V
 Storage Rack

FUEL SYSTEM:

Diesel Fuel System - Electric w/Transfer Pump
 Fuel Filters, (3) Racor® - (2) 75-1000MAX (Dual) for Engines (1) 500MA for Generator
 Fuel Lines, USCG - Type A-1
 Fuel Tanks, Aluminum w/Manual Shut-Off Valves & Ultrasonic Sending Units

GENERATOR:

290 kW Onan® Diesel (240V/60 Cycle) w/Sound Shield, Remote Start, Muffler, Closed Cooling, Fuel Filter, Seacock & Seawater Strainer

UNDERWATER GEAR:

Bonding System w/Zinc Hull Plate
 Propeller Shafts (2)
 Propellers (2)
 Rudders (2)
 Seacocks on All Underwater Fittings
 Seawater Strainers
 Shaft Logs, Dripless w/Extra Seal Carrier Kit
 Struts
 Thrusters, Bow & Stern (24V)
 Trim Tabs, Hydraulic

WASTE SYSTEM:

Common Drain System
 Head System (VacuFlush®)
 Holding Tank Level Indicator - MDP
 Holding Tank w/Dockside Pump-Out (100 Gallon)
 Macerator w/Seacock Interlock System
 Sump Box w/Automatic Pump & Hinged Service Lid

WATER SYSTEM:

Freshwater Washdown Spigots w/Hoses - Transom, Engine Room & Anchor Locker
 Manifold System w/Shutoff Valves
 Pressure Water System w/24V Pump & Charcoal Filtration System
 Shower, Cockpit - Hot & Cold w/Door
 Water Heater, 240V (20 Gallon)
 Water Inlet, Dockside
 Water Purifier System - Galley & Icemakers

STANDARD PROPULSION

TWIN DIESEL INBOARDS:

Twin Caterpillar® C18A
 In-line 6, 4-Stroke Diesel Engines
 (T-1,150 hp - 847 kW)

OPTIONS & ACCESSORIES

ELECTRONICS OPTIONS

Caterpillar GP Link Engine Monitoring
 CommandView Video Docking Assistance
 Raymarine gS165 Upgrade (Primary & Auxiliary Displays)
 Raymarine Fishfinder Module (Interfaced with GPS/Chartplotter Display)
 Raymarine i50 Depth Sounder
 Raymarine Network Interface Cameras (Bilge & Cockpit)
 Raymarine Sirius Weather Module
 Raymarine T300 Thermal Night Vision Camera

GENERATOR OPTIONS

9.0 kW Auxiliary Generator
 (Generator Manufacturer & Size May Vary Due to Product Availability)

INDIVIDUAL OPTIONS

Air Conditioning Upgrade - Salon (8,000 BTU)
 Additional Fuel Capacity - 1,150 gallons total
 Anchor, Stainless Steel (In Lieu of Standard Galvanized)
 Audio System, Bow Seating
 Bidet - Master Stateroom Head
 Bow Rail, Split/Open Style
 Canvas, Cockpit Isenglass Enclosure
 Carpet Liner, Cockpit - Country Beige
 Carpet Liner, Cockpit - Seagrass
 Carpet Runners, Interior
 China Place Settings, Glasses & Flatware Set w/ Custom Dedicated Storage - Includes: 8 Accent Plates, 8 Dinner Plates, 8 Dessert Plates, 8 Coffee Mugs, 8 Rice Bowls, 8 Rocks Glasses, 8 Wine Glasses, 8 Piece Highball Glasses & 45 Piece Flatware Set

Crew Quarters: Bunks (2); Lighting, 24V; Outlet, 120V
 GFI Protected; Portlight, Stainless Steel (Opening);
 Hanging Locker; Shower
 Dinette, Master Stateroom
 Desalinator (400 Gallons Per Day)
 Dishwasher
 Door, Pantograph - Control Station - Access to Deck Catwalk
 DSS - Additional Receivers in Port & Starboard Staterooms (Must Order DSS Option)
 DSS - KVH TracVision HD7 TRUE HD - Salon & Master
 DSS - Spare HD7 Dome Shell
 Flooring, Teak - Cockpit
 Interior Wood Cabinetry Finishes: High Gloss Cherry, Pangar Wenge or White Oak
 Inverter, 120V/60 Cycle
 Joystick Controlled Docking Thrusters - Electric
 Joystick Controlled Docking Thrusters - Hydraulic
 Lounger, Master Stateroom
 Multi Station Docking, Cockpit Controls (Only Available with, and Interfaced with, Optional Joystick Controls)
 Oil Changer System - Engines, Transmissions & Generator
 Painted Hull Color
 Passerelle - Telescoping Envelope Style
 Propellers, Spare Set w/Holders
 Refrigerator - Cockpit
 Refrigerator - Master Stateroom

Safe - Master Stateroom
 Salon Sofa w/ Pullout Bed
 Seakeeper® Gyro Stabilizers (2)
 Sun Shade, Bow Seating w/Storage
 Table, High-Gloss Teak - Cockpit
 Table, High-Gloss Teak - Bow Seating
 Thrusters, Hydraulic (Bow & Stern)
 Transformers, Shore Power Isolation Boost - 240V/50 Amp - Dual
 Upgraded Carpet - Cabin
 Upgraded Countertops, Silestone®
 Upgraded Seating Fabric - Cabin
 Windlass Capstan Style (In Lieu of Standard)
 Windlass System - Stern (1 port, 1 stbd)
 Window Treatment; Roman Shades or Wood Blinds
 Wine Cooler/Chiller

CE Option

NOTE: Some features and options may not be available when a boat is built for Regions outside North America and/or has CE Certification. Boats ordered with 220V/50 cycle electrical systems will have the appropriate appliances in the corresponding voltage.



08032015

Sea Ray Boats, 800 S. Gay Street, Suite 1200, Knoxville, TN 37929. Internet address: <http://www.searay.com>

Note: Not all accessories shown in pictures or described herein are standard equipment or even available as options. Some features and options may not be available when a boat is built for outside North America and/or has CE Certification. Options and features are subject to change without notice. Not all model year boats may contain all the features or meet the specifications described herein. Confirm availability of all accessories and equipment with an authorized Sea Ray dealer prior to purchase. Printed in the U.S.A. August 2015 ©Sea Ray Boats.