

THIS IS INSPIRED LUXURY.

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650^{fly}



L 650^{fly}

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)	80,500 LBS / 36,514 KG
DEAD RISE	16°
WASTE CAPACITY	100 GAL / 378 L

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



SEE IT NOW.

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



EXTERIOR



MAIN LEVEL



LOWER LEVEL

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THE NEW L650 FLY IS SURE TO EARN JEALOUS STARES FROM THE COMPETITION BECAUSE IT ONCE AGAIN REDEFINES WHAT A MODERN YACHT SHOULD BE: SLEEK AND ASSERTIVELY PROPORTIONED EXTERIOR; INVITING AND BRIGHTLY LIT INTERIOR; FLEXIBLE AND INTUITIVE ENTERTAINING SPACES; AND INNOVATIVE FEATURES AND AMENITIES.



HELM

THE LOWER 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 AND LARGE DECKHOUSE WINDOWS DISSOLVE THE LINE BETWEEN INDOOR AND OUTDOOR SPACES ALLOWING NATURAL LIGHT INTO THE BOAT LIKE NEVER BEFORE. IN THE SALON, 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 MASTER STATEROOM. STRATEGICALLY PLACED HULL WINDOWS BRIGHTEN THIS FULL-BEAM MASTER, WHICH ALSO FEATURES AN EXPANSIVE CLOSET SYSTEM AND LUXURIOUS PRIVATE HEAD.



FLY BRIDGE

PLACE YOURSELF ON THE BRIDGE AND EXPERIENCE BOATING FROM AN ENTIRELY NEW PERSPECTIVE. AS AN ENTIRE SOCIAL ZONE WITHIN ITSELF, THE L650 FLY'S BRIDGE PROVIDES A GREAT POINT OF VIEW FOR RELAXING WHILE UNDERWAY OR ON THE HOOK.



COCKPIT ERGONOMICS

EASE INTO THE COCKPIT WITH CONVENIENT MOLDED STEPS OR ACCESS THE LAZARETTE (W/DAY HEAD) FROM THE TRANSOM, VIA A WATERTIGHT DOOR. THE LARGE BRIDGE PAN PROVIDES SHADE FOR THE ENTIRE COCKPIT.

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
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, Bridge Venturi
Windshield, Tempered/Tinted Glass w/Electric
Opening Window (Starboard)
Windshield Wipers (3)
Yacht Flag & Flagpole

CANVAS (SUNBRELLA®)

Bridge Seating & Console Covers
Cockpit Seating Covers
Foredeck Seating Cover
Windshield Shades

CERTIFICATIONS:

CE, Category A
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

BRIDGE FEATURES

Beverage Holders
Glove Box
Grill
Handrails, 316 Stainless Steel
Hatch, Sliding Bridge Access
Ice maker, 120V
Lighting, Indirect LED
Outlet, 12V Accessory
Outlet, 120V GFI Protected
Outlet, TV
Radar Arch
Refrigerator

Seating, Single Helm Seat & Pedestal with Slide &
Swivel Adjustment
Seating, Fwd Opposing w/Storage
Seating, Aft U-Shape w/Storage
Sunpad w/Fwd-Facing Loungers - Port & Starboard
Ship's Bell
Stereo, 12V AM/FM with Bluetooth® Connectivity,
SiriusXM® Satellite Receiver with Antenna, iPod®
interface, MP3 Port, Amplifier, Subwoofer, Speakers
(4 Bridge, 2 Cockpit) & Digital Bridge Remote
Control
Table, Fiberglass - Aft
Table, Fiberglass - Fwd
Wet Bar w/Sink, Faucet, Solid-Surface Countertop,
Stainless Steel Handrail & Trash Receptacle

COCKPIT FEATURES

Beverage Holders
Door, Cabin Entry, Frameless 4-Pane, Sliding &
Lockable w/Flush Threshold
Door, Lazarette/Crew Quarters Entry, Pantagraph
Doors, Transom Gates (Port & Starboard Cockpit
Entry)
Floor Liner, Self-Bailing Fiberglass
Gates, Side Boarding (Port & Starboard)
Handrails, 316 Stainless Steel
Hatch, Engine Service - Gas-Assisted
Lighting, LED
Outlet, 120V GFI Protected
Seating w/Storage
Steps, Boarding (Molded-In)
Steps, Molded Exterior Bridge Access w/Stainless-
Steel Handrail & Storage Below
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, 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 System, Central - Dual Inlet
Washer & Dryer, Full Size - Individual

INTERIOR FINISHES & TREATMENTS:

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

SALON:

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

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
- Remote Control, Universal - Logitech Harmony
Flooring, Carpet
Mirrored Hanging Locker, Cedar Lined w/Light
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
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 - STBD):

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
Storage, Cabinet
Storage, Shelf
TV, LED Flatscreen 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 w/Full Length Mirror
Flooring, Carpet
Hanging Locker, Cedar Lined w/Light
Storage, Cabinet
Storage, Shelf
TV, LED Flatscreen 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

BRIDGE CONTROL STATION:

Alarms, High Water - Bilge & Cabin
Battery Parallel Start System - Engines
Bow & Stern Thruster Controls, 24V
Compass
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)
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

LOWER 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 (BRIDGE CONTROL STATION):

Autopilot, Raymarine® (Interfaced through
Chartplotter)
Electronics Circuit, 12V/50 Amp
Hailer Horn, Raymarine 220
Raymarine e125 Widescreen, 12.1" Color LCD
GPS/Chartplotter - Auxiliary Display
VHF Radio w/Remote Speaker & 8' Fiberglass
Antenna

ELECTRONICS (LOWER 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:

29kW Onan Diesel (120V/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

STABILIZER:

Seakeeper® Gyro Stabilizers (2)

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

CommandView Video Docking Assistance
Raymarine gS165 Upgrade (Primary & Auxiliary Lower Displays and Auxiliary Upper Display)
Raymarine e125 Widescreen GPS/Chartplotter - Secondary Auxiliary Display (Bridge)
Raymarine gS165, Color LCD - GPS/Chartplotter - Secondary Auxiliary Display (Bridge)

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

BRIDGE OPTIONS

Awning, Electric Retractable - Covers Bridge Aft Seating (Only Available w/Optional Hardtop. N/A w/Extended Hardtop)
Canvas, Bimini Top
Canvas, Bridge Cover
Carpet Liner - Country Beige
Carpet Liner - Seagrass
Extended Hardtop w/LED Lighting & Red Night Lighting; Sunroof; Canvas Enclosure & Air Conditioning
Extended Hardtop w/LED Lighting & Red Night Lighting; Canvas Enclosure & Air Conditioning
Flooring, Teak
Hardtop, Fiberglass with Opening Sunroof, Electric Dimmer & Night Lighting
Sun Pad Filler Cushions
Table, High-Gloss Teak - Aft, (In Lieu of Standard Fiberglass Table)
Table, High-Gloss Teak - Fwd

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 (two); Lighting, 24V; Outlet, 120V GFI Protected; Portlight, Stainless Steel (Opening); Hanging Locker; Shower
Dinette - Master Stateroom
Desalinator (400 Gallons Per Day)
Dishwasher

Door, Pantograph - Lower Helm - Access to Deck Catwalk
DSS - Additional Receiver in Forward Stateroom (Must Order DSS Option)
DSS - Additional Receivers in Port & Starboard Staterooms (Must Order DSS Option)
DSS - KVH TracVision HD7 TRUE HD - Master & Salon
Flooring, Teak - Cockpit & Bridge Steps
Flooring, Teak - Deck Catwalks
Flooring, Teak - Foredeck Seating Area
Flooring, Teak - Swim Platform
Fourth Stateroom Layout Options
Grill - Cockpit
Interior Wood Cabinetry Finishes: Matte Cherry (Light or Dark) or High Gloss Cherry (Light or Dark)
Inverter, 120V/60 Cycle
Joystick Controlled Docking Thrusters - Electric
Joystick Controlled Docking Thrusters - Hydraulic
Lounge - 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
Portlights, Opening - Forward, Port & Starboard Staterooms
Propellers, Spare Set w/Holders
Refrigerator - Cockpit
Refrigerator - Master Stateroom
Safe - Master Stateroom
Salon Sofa w/ Pullout Bed
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.



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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. March 2015 ©Sea Ray Boats.