

510

SUNDANCER®



OVERALL LENGTH
W/EXTENDED
SWIM PLATFORM

50'10"
15.49 M

OVERALL LENGTH
W/OPT HYDRAULIC
SWIM PLATFORM

50'10"
15.49 M

ARCTIC WHITE
 BLACK
 BLUE
 HORIZON
 PATINA

BEAM	14'8" / 4.47 M
DRY WEIGHT (INBOARDS)	43,700 LB / 19,822 KG
DRY WEIGHT (ZEUS)	43,400 LB / 19,686 KG
DRAFT (INBOARDS)	49" / 124 CM
DRAFT (ZEUS)	50" / 127 CM
DEADRISE	19°
HOLDING TANK	60 GAL / 227 L

The specification measurements are approximations and subject to variance.



400 GAL
1,514 L



110 GAL
416 L



6 / 8
ADULTS/OPT

510 SUNDANCER FEATURES

- ≈ Climate-controlled cockpit sunroom
- ≈ Fiberglass hardtop w/pneumatic sunroof
- ≈ Standard LCD flatscreen TV with remote DVD player in salon
- ≈ Sony® stereo with CD player and iPod® docking station
- ≈ Standard generator with sound shield
- ≈ Ultraleather™ standard on all interior seating
- ≈ Optional Zeus® propulsion with helm joystick & Skyhook® station keeper

STANDARD PROPULSION

Twin Cummins® QSC 550 HO
Diesel V-Drive Inboards w/DTS
(T-543 php - 405 kW)

Sea Ray

2013

510 SUNDANCER®

FEATURES & STANDARD EQUIPMENT

HULL & DECK FEATURES

Bottom Paint
Bow Rail, 316 Stainless Steel w/Welded Stanchions,
Intermediate Rails & Life Lines
Cleats, Custom Sea Ray® Thru- Bolted - Stainless Steel (8)
Deck Fill Plates, Stainless Steel
Deck Rails, 316 Stainless Steel
Gel Coat:
Hull - Arctic White
Deck - Two Tone, Arctic / Antique White
Graphics, Striping
Handrails, 316 Stainless Steel
Hatch, Deck Vent - Translucent w/Locks & Sky Screen Cover
(Trapezoid)
Hull Windows, 2 Large - Fixed Smoked Acrylic
Lights, Navigation
Portlights, Stainless Steel (6)
Rub Rail, PVC w/Stainless-Steel Insert
Storage, Transom Wall (For Fenders & Gear)
Stringer System, Fiberglass
Swim Platform, Bolt-On w/Concealed Stainless-Steel Four-
Step Swim Ladder w/Integral Grab Handle
Thru-Hull Fittings, Stainless Steel
Vent System, Engine Room - Integral w/Stainless-Steel
Vents
Windshield, Tempered/Tinted Curved Glass w/Aluminum
Frame
Windshield Washer System
Windshield Wipers w/Delay & Speed Control

CANVAS (SUNBRELLA®)

Canvas Colors - Blue, Black or Taupe
Canvas, Aft Curtain w/Bungee Cords
Canvas, Windshield Cover

CERTIFICATIONS:

Meets Applicable USCG & ABYC Standards
NMMA Certification

MOORING SYSTEM:

Anchor, Galvanized
Anchor Chute, Stainless Steel
Anchor Rope/Chain Storage w/Gas-Assisted Hatches (2)
Anchor Washdown Spigot w/Hose
Windlass, Rope/Chain w/Foot Switches

COCKPIT FEATURES

Beverage Holders (4)
Carpet Liner, Snap-In
Door, Transom - Stainless Steel
Handrails, 316 Stainless Steel
Hatch, Engine Service - Gas Assisted
Lighting, Indirect - LED
Outlet, 120V GFI Protected
Seating, U-Shaped Bench w/Storage Below
Ship's Bell
Steps, Boarding (Molded-In)
Table, Cockpit - Fiberglass Top

SUNROOM FEATURES

Beverage Holders (2)
Door, Sunroom Entry w/Aluminum Powder Coated Frame &
Tempered/Tinted Glass (Sliding & Lockable)
Hardtop, Fiberglass w/Pneumatic Retractable Sunroof &
Overhead Lighting
Icemaker, 120V
Lighting, Indirect LED
Outlet, 12V Accessory
Outlet, 120V GFI Protected
Seating, Pivoting Helm (2) w/Armrest, Reclining Backrests,
Teak Footrests, Heavy-Duty Adjustable Pedestals
Table, Sunroom - High Gloss Wood
Wet Bar w/ Sink, Faucet, Solid-Surface Countertop,
Stainless Steel Handrail, Trash Receptacle, & Storage
Cabinet

CABIN FEATURES

Blinds, Silver Alloy
Carbon Monoxide Monitors
Carpet, 55-Ounce 100% Stainmaster® BCF Nylon w/Dupont®
Advanced Teflon Repel System
Carpet Runners, Interior (Sunbrella)
Curtains & Drape Trim
Handrails, Stainless Steel
Lighting, 12V Indirect
Lighting, 12V Main - Overhead
Outlet & Switch Plates - Polished Nickel Finish
Outlets, 120V GFI Protected
Outlets, 12V Accessory
Pillows, Accent
Shades, Fabric Day/Night w/Drape Trim
Wall Treatment
Wood Interior Finish - Cherry, Walnut or Rift Oak

FORWARD STATEROOM:

Bed, Full-Size Island Style w/Electrically Actuated Extension
& Posturepedic Backrest; Elastic Foam Mattress & Drawer
Storage Below
Door, Privacy
Flooring, Wood
Hanging Lockers, Mirrored (2), Cedar Lined w/Lights &
Shelves
Headboard, Lattice Style (Rope Locker Bulkhead)
Storage, Gunwale Cabinets
Storage, Side Shelves

FORWARD STATEROOM HEAD / SHOWER:

Bathroom Tissue Holder
Curtain, Shower
Door, Privacy
Flooring, Tile
Handrails, Stainless Steel
Head, VacuFlush®
Power Vent, 12V
Robe Hook
Shower w/ Seat & Adjustable Shower Wand
Storage, Medicine Cabinet - Mirrored
Towel Bar

Towel Cabinet
Towels - Sea Ray
Vanity w/Solid-Surface Countertop, Vessel Sink, Grohe®
Faucet & Storage Below

GALLEY:

Coffeemaker, 120V
Countertop, Solid-Surface w/Stainless-Steel Sink, Single-
Lever Faucet & Sink Cover
Handrail, Stainless Steel
Microwave/Convection Oven w/Stainless-Steel Front - 120V
Power Vent, 12V w/Stainless-Steel Grille
Refrigerator/Freezer, Upright w/Stainless-Steel Front - Dual
Voltage 120V/12V
Storage, Drawers w/Cutlery Insert
Storage, Upper & Lower
Stove, Two Burner (Recessed to flush PUPS®) 120V
Trash Receptacle

MID MASTER STATEROOM:

Bed, Queen Size w/ Innerspring Mattress, Pillows, Sheets &
Coordinated Spread, & Storage Below
Door, Privacy w/Full Length Mirror
Flooring, Carpet
Hanging Locker, Cedar Lined w/Light
Mirror, Wall Accent
Nightstands, Built-In w/Countertops
Hull Windows - Port & Stbd
TV, Flatscreen w/ DVD Player

MID STATEROOM HEAD / SHOWER:

Bathroom Tissue Holder
Curtain, Shower
Door, Privacy - Mirrored w/Access from Mid-Stateroom
Flooring, Tile
Handrails, Stainless Steel
Head, VacuFlush®
Power Vent, 12V
Robe Hook
Shower w/Seat & Adjustable Shower Wand
Storage, Medicine Cabinet - Mirrored
Storage, Towel Cabinet
Towel Bar
Towels - Sea Ray
Vanity w/Solid-Surface Countertop, Vessel Sink, Grohe
Faucet & Storage Below

SALON:

Entertainment Center
- Gaming System Port
- iPod® Interface w/Docking Station
- MP3 Port w/USB
- 12V Outlet
- Stereo, Sony® 12V AM/FM Single CD, Sirius® Satellite
Receiver w/Antenna, Amplifier, Subwoofer, Speakers
(4), Digital Cockpit Remote Control & Speaker Selector
Switches
- Storage Cabinet - CD/DVD
- TV, Flatscreen LCD HDTV (120V) w/Remote DVD Player
Mirror, Wall Accent

Seating, L-Shaped Sofa (Ultraleather™) w/Pull-Out Bed -
Starboard, w/Storage Below
Steps, Entryway - Alum w/ Wood Treads
Storage, Gunwale Cabinets
Storage, In-Floor

TECHNICAL FEATURES

AIR CONDITIONING/HEATING:

Custom Integral Vent System
Zone-Controlled Reverse-Cycle System (32,000 BTU) Lower
Cabin
Zone-Controlled Reverse-Cycle System (27,000 BTU) Upper
Sunroom

CONTROL STATION:

Alarms, High-Water - Bilge, Cabin & Sump
Battery Parallel Switch - Engines
Compass
Dash, Gel Coated - Agate
Horn, Air - (Concealed) Dual Trumpet
Instrument Panel, High-Gloss
Shift & Throttle Controls - SmartCraft® DTS
SmartCraft Diagnostics:
- Instrumentation, Custom Sea Ray SmartCraft w/Low-
Glare Blue Night Lighting & Chrome Bezels
- 4-in-1 Multigauges (2) (Includes: Fuel Level, Oil
Pressure, Voltmeter & Water Temperature)
- Tachometers (2)
SmartCraft VesselView Display:
- Propulsion: Engine Hour Meters, Engine Status,
Performance & Fuel, Peak Performance, Boost Pressure
(Optional), Troll Control & Cruise Control
- Vessel: Vessel Status, Tank Status, Steering Position &
Generator Data
- Environment & Navigation: GPS Interface, Depth &
Water Temperature, Depth Alerts, Trip Log Information,
Fuel to Waypoint Data & Navigation Data
- Active Alarms/Details
- Alarm History/Details
Steering, Power w/Tilt Wheel
Switch Panel - High Gloss (Backlit)
Switches, Illuminated Weatherproof Rockers & Electronic
Dimmer Control

ELECTRICAL SYSTEMS:

Batteries, 8-D w/Boxes (2)
Battery Charger/Converter 120V/50 Amp/12V
Battery Switches, 2-Way Solenoid Activated (MDP & Engine
Room)
Cable TV System w/Inlet (Includes Phone Inlet), TV &
Phone Shore Cords, Coax Outlets, Gain Control & Omni
Directional Antenna
Enclosure, Weatherproof Main Solenoid Disconnect w/
Composite Enclosure
Panel, DC Circuit Breaker - Remote
Panel, DC Main Breaker
Panel, Main Distribution - AC
Shore Power, Cablemaster™ (Glendinning) 240V/50 Amp
w/75' Cord & Wireless Remote (Cablemaster N/A
w/220V/50 Cycle Shore Power)
Transformer, Shore Power Isolation - 240V/50 Amp

510 SUNDANCER®

ELECTRONICS:

Electronics Circuit, 50 Amp/12V
VHF Radio w/Remote Speaker, 8' Fiberglass Antenna & GPS Antenna

ENGINE ROOM:

Bilge Pumps, 12V Automatic (3)
Bilge Pumps, 12V Automatic High- Water (1 Engine Room, 1 Cabin)
Blowers, 12V Bilge (2)
Exhaust, Wet w/ Dual Stage Lift Mufflers
Fire Suppression System - Automatic w/Manual Pull Gel-Coated Engine Room
Insulation, Engine Room - 2" w/Loaded Vinyl Barrier Ladder, Stainless Steel - Removable
Lighting, 12V
Oil Changer System - Engines & Generator

FUEL SYSTEM:

Diesel Fuel System - Electric w/Transfer Pump
Fuel Filters - Remote (Racor®)
Fuel Lines, USCG - Type A-1
Fuel Tanks, Aluminum w/Manual Shutoff Valves & Ultrasonic Sending Units

GENERATOR:

11.5 kW Onan® Diesel (120/240V/60 Cycle) w/Sound Shield, Remote Start, Muffler, Freshwater Cooling, Fuel Filter w/ Crossover Fuel, Seacock & Seawater Strainer

UNDERWATER GEAR:

V-Drives:
- Bonding System w/Zinc Hull Plate
- Propellers, Nibral 4-Blade
- Propeller Shafts, 2.25" Stainless Steel (2) - Aquamet 22
- Rudders, Manganese-Bronze
- Seacocks - Engines
- Seawater Strainers - Engines
- Shaft Logs, Dripless w/Extra Seal Carrier Kit
- Struts, Manganese-Bronze
Trim Tabs, Hydraulic
Zeus Drives:
- Propellers, Stainless Steel
- Trim Tabs, Hydraulic (Integrated w/Zeus Pod Drives)

WASTE SYSTEM:

Common Drain System
Head System (VacuFlush®)
Holding Tank Level Indicators - MDP & Heads
Holding Tank w/Dockside Pump-Out
Sump Box w/Pump - Automatic

WATER SYSTEM:

Freshwater Washdown Spigots w/Hoses - Transom, Engine Room & Anchor Locker
Manifold System w/Shutoff Valves
PressureWater System w/12V Pump & Charcoal Filtration System

Shower, Cockpit - Single-Lever Hot & Cold w/Stainless-Steel Door, Braided Hose & Ergonomic Shower Wand
Water Heater, 240V (11 Gallon)
Water Inlet, Dockside

STANDARD PROPULSION

TWIN DIESEL V-DRIVES:

T-VD-Cummins® QSC 550 HO w/DTS
(T-543 php - 405 kW)

OPTIONS & ACCESSORIES

OPTIONAL PROPULSION

TWIN DIESEL V-DRIVES:

T-VD-Cummins QSC 600 w/DTS
(T-593 php - 442 kW)

TWIN DIESEL ZEUS® DRIVES:

T-Zeus-Cummins QSC 550
(T-543 php - 405 kW)
Zeus Propulsion Includes Helm Joystick, Skyhook® Station Keeper & Integrated Autopilot

GENERATOR OPTIONS:

8.0 kW Onan® - Diesel, 220V/50 Cycle (Int'l)
(Generator Manufacturer & Size May Vary Due to Product Availability)

ELECTRONICS OPTIONS:

Autopilot, Raymarine® SmartPilot X-10 (V-Drive Only)
Raymarine® DSM 300 Fishfinder Module for E125
Raymarine E125 12.1" Widescreen Color LCD, Radar/GPS/Chartplotter w/Integrated 4-kW HD Open Array Scanner - Primary Display
Raymarine E125 Widescreen GPS/Chartplotter - Auxiliary Display

INDIVIDUAL OPTIONS

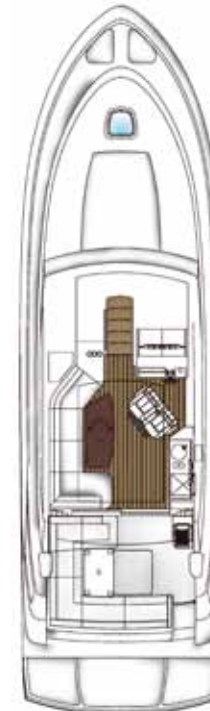
Anchor, Stainless Steel (In-Lieu-of Galvanized)
Bow Thruster (w/Batteries & Charger) (N/A w/Zeus)
Bow & Stern Thruster (w/Batteries & Charger) (N/A w/Zeus)
Canvas, Dash Cover
Canvas, Mesh Windshield Shades
Colored Hull - Black, Blue, Horizon or Patina
Door, Sunroom Entry Stainless Steel (In-Lieu-of Standard Powder Coated Aluminum)
Digital Satellite System High Definition
Flooring, Teak - Cockpit w/Entry Steps
Flooring, Teak - Swim Platform
Flooring, Wood - Galley Only
Flooring, Wood - Salon & Galley
Flooring, Wood - Sunroom
Gray Water System (N/A w/ Washer/Dryer)
Grill - Cockpit, Built-In 240V/60
Icemaker, 120V - Cockpit (Only Available w/Sunroom Refrigerator Option)

Lights, Underwater - Transom (4)
Macerator w/Seacock Interlock System
Ottoman, Salon
Passerelle System - Transom
Portlights, Opening - Salon, Galley & Master Stateroom
Prop Holders - For Spare Zeus Props (Props Not Included)
Prop Holders - w/Spare Props (V-Drive Only)
Refrigerator, 120V, Stainless-Steel Drawer Style - Sunroom (In Lieu of Std Icemaker)
Remote Control, Universal - Salon
Rod Holders (2)
Speaker Upgrade, Cockpit Exterior
Spotlight w/Dual Halogen Bulbs - Remote Controlled (ACR®)
Stereo System Upgrade (In Lieu of Std. Cabin Stereo) - Bose 321 in Master Stateroom and LS48 in Salon
Sun Pad Filler Cushions - Cockpit
Sun Pad w/Adjustable Backrest - Forward Deck
Sunroof Sunshades, Manual - Sunroom
Sunroom Manual Opening Side Vents - Port & Stbd
Sunshade, Electric - Aft Cockpit (SureShade®)
Swim Platform, Hydraulic Marine Lift w/Remote & Manual Pump
Table, High-Gloss Teak w/Vinyl Cover - Cockpit (In Lieu of Std Table)
Table, Coffee (Movable) w/High-Gloss Wood Surface & Storage Below

Third Stateroom Option
Transformer, Shore Power Isolation Boost - 240V/50 Amp
TV, Flatscreen w/DVD Player & Gaming System Port - Forward Stateroom
TV, Flatscreen w/DVD Player - Sunroom
Vacuum System, Central - 120V
Vent, Manual Hardtop Overhead
Washer/Dryer Combo, 120V (N/A w/Gray Water System)
Windlass, All-Chain (In Lieu of Std Rope/Chain)
Windlass Capstan
Window Treatment, Interior - Wood Blinds or Roman Shades (In Lieu of Alloy Blinds)
Windshield Defrosters
Yacht Flag & Flagpole

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.



COCKPIT/SUNROOM LAYOUT



LOWER CABIN LAYOUT

510 SUNDANCER®

The gorgeous curves and aerodynamic profile of the new 510 Sundancer are sure to attract attention. The integrated windshield, hardtop and aft sliding door enclose and climate-control the upper sunroom while an extra-large, pneumatic sunroof allows for natural air. This ingeniously designed beauty is nothing short of inspired.



The well-designed control station features standard SmartCraft® diagnostics and VesselView display, plus a Raymarine® VHF radio.



This plush salon atrium has an L-shaped sofa with pull-out bed adding comfort for extra overnight guests and a fully equipped entertainment center for all to enjoy.



This luxurious mid master stateroom features a queen-size berth with designer fabrics and handcrafted wood trim.



Fully equipped galley includes stainless-steel microwave/convection oven, refrigerator/freezer and solid-surface countertop with stainless-steel sink.



The pneumatic sunroof opens to allow fresh air and light on the enclosed helm deck and sunroom when desired.

ABYC
Sponsor of ABYC Marine
Certification School



Sea Ray



10142012