



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 (V-DRIVES)	38,985 LB / 17,683 KG
DRY WEIGHT (ZEUS)	41,423 LB / 18,789 KG
DRAFT (V-DRIVES)	49" / 124 CM
DRAFT (ZEUS)	47" / 119 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**  
PEOPLE/OPT

#### 510 SUNDANCER FEATURES

- ≈ Climate-controlled cockpit sunroom
- ≈ Fiberglass hardtop w/pneumatic sunroof
- ≈ Standard LED flatscreen TV with remote DVD player in salon
- ≈ Standard Raymarine® e125 Widescreen Radar/Chartplotter combo
- ≈ Stereo with Wireless Bluetooth™ and media inputs
- ≈ Standard generator with sound shield
- ≈ Optional Zeus® propulsion with helm joystick & Skyhook® station keeper

#### STANDARD PROPULSION

Twin Cummins® QSC 8.3 - 550 HO  
Diesel V-Drive Inboards w/ETS  
(T-526 hp - 392 kW)

*Sea Ray*®  
LAUNCH INTO LIVING

# 510 SUNDANCER®

## 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 (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, Fixed, Smoked Acrylic  
Lights, Navigation  
Portlights, (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, Cockpit Seat Covers  
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  
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  
Door, Frameless Sunroom Entry w/Stainless-Steel Accents & Tempered/Tinted Glass (Sliding & Lockable)  
Hardtop, Fiberglass w/Pneumatic Retractable Sunroof & Overhead Lighting  
Lighting, Indirect LED  
Outlet, 12V Accessory  
Outlet, 120V GFI Protected  
Refrigerator, 120V, Stainless-Steel Drawer Style  
Seating, Pivoting Helm (2) w/Armrest, Reclining Backrests, Teak Footrests, Heavy-Duty Adjustable Pedestals  
Table, Wood  
TV, 32" LED / Smart w/Remote Blu-ray™ Player  
Wet Bar w/ Sink, Faucet, Solid-Surface Countertop, Stainless-Steel Handrail, Trash Receptacle, & Storage Cabinet

### CABIN FEATURES

Carbon Monoxide Monitors  
Carpet, 55-Ounce 100% Stainmaster® BCF Nylon w/Dupont® Advanced Teflon Repel System  
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

### INTERIOR FINISHES & TREATMENTS:

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

### SALON:

Entertainment Center  
- Gaming System Port  
- iPod® Interface w/Docking Station  
- MP3 Port w/USB  
- 12V Outlet  
- Stereo, 12V AM/FM, Wireless Bluetooth™, SiriusXM®  
Satellite Receiver w/Antenna, Amplifier, Subwoofer, Speakers (4), Digital Cockpit Remote Control & Speaker Selector Switches  
- Storage Cabinet - CD/DVD  
- TV, 32" LED / Smart w/Remote Blu-ray™ Player  
Mirror, Wall Accent  
Seating, L-Shaped Sofa w/Pull-Out Bed - Starboard, w/Storage Below  
Steps, Entryway - Alum w/ Wood Treads  
Storage, Gunwale Cabinets  
Storage, In-Floor

### GALLEY:

Coffeemaker, Keurig®  
Countertop, Solid-Surface w/Stainless-Steel Sink, Faucet & Sink Cover  
Flooring, Wood  
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

### FORWARD STATEROOM:

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

### FORWARD STATEROOM HEAD / SHOWER:

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

### 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  
Storage, Medicine Cabinet - Mirrored  
Storage, Towel Cabinet  
TV, 32" LED / Smart w/Remote Blu-ray™ Player  
Vanity w/Solid-Surface Countertop, Vessel Sink, Faucet & Storage Below

### MID STATEROOM HEAD / SHOWER:

Curtain, Shower  
Door, Mirrored w/Access from Mid-Stateroom  
Flooring, Tile  
Handrails, Stainless Steel  
Head, VacuFlush®  
Portlight, Opening  
Power Vent, 12V  
Robe Hook  
Shower w/Seat, Adjustable Wand & Acrylic Door  
Towel Bar  
Towels - Sea Ray

### 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  
Electronic Throttle & Shift Controls (ETS)  
Horn, Air - (Concealed) Dual Trumpet  
Instrument Panel  
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 (Backlit)  
Switches, Illuminated Weatherproof Rockers & Electronic Dimmer Control  
Windshield Defrosters



# 510 SUNDANCER®

## 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, TV Shore Cord, 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

## ELECTRONICS:

Electronics Circuit, 50 Amp/12V  
Raymarine® e125 Widescreen 12.1" Color LCD, Radar/GPS/Chartplotter w/Integrated 4-kW HD Open Array Scanner  
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

## 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 (Optional):  
- Propellers, Stainless Steel  
- Trim Tabs, Hydraulic (Integrated w/Zeus Pod Drives)

## WASTE SYSTEM:

Common Drain System  
Head System (VacuFlush®)  
Holding Tank Level Indicators - MDP  
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  
Pressure Water 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 8.3 - 550 HO w/ETS  
(T-526 hp - 392 kW)

## OPTIONS & ACCESSORIES

### OPTIONAL PROPULSION

### TWIN DIESEL V-DRIVES:

T-VD-Cummins QSC 8.3 - 600 HO w/ETS  
(T-574 hp - 428 kW)

### TWIN DIESEL ZEUS® DRIVES:

T-Zeus-Cummins QSC 8.3 - 550 HO  
(T-526 hp - 392 kW)  
Zeus Propulsion Includes Helm Joystick, Skyhook® Station Keeper & Integrated Autopilot

### ELECTRONICS OPTIONS

Autopilot, Raymarine® Evolution (V-Drives Only) (Interfaces w/Chartplotter)  
Raymarine® CP 300 Fishfinder Module for e125  
Raymarine e125 12.1" Widescreen GPS/Chartplotter - Auxiliary Display

### INDIVIDUAL OPTIONS

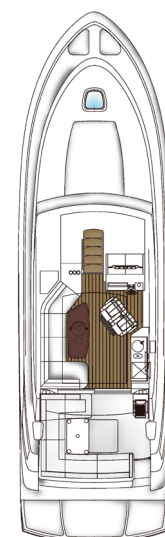
Air Conditioner Upgrade - Sunroom  
Anchor, Stainless Steel (In-Lieu-of Galvanized)  
Bow Thruster (w/Batteries & Charger) (N/A w/Zeus)  
Bow & Stern Thruster (w/Batteries & Charger) (N/A w/Zeus)  
Canvas, Cockpit Enclosure  
Canvas, Dash Cover  
Canvas, Mesh Windshield Shades

Carpet Runners, Interior (Sunbrella)  
Cockpit Carpet Liner  
Cockpit Seat Covers  
Colored Hull (Black, Blue, Horizon or Patina)  
Door, Sunroom Entry - Stainless Steel  
Digital Satellite System (DSS TV)  
Digital Satellite System - KVH D7 TracVision® for True HD  
Flooring, Cockpit w/Entry Steps - Teak  
Flooring, Swim Platform - Teak  
Flooring, Wood - Salon & Galley  
Flooring, Wood - Sunroom  
Grey Water System (N/A w/ Washer/Dryer)  
Grill - Cockpit, Built-In 240V/60  
Icemaker, 120V - Cockpit  
Interior Treatment: Wood Cabinetry Finishes - High Gloss Cherry (Light or Dark)  
Interior Treatment: Wood Blinds - Light Cherry, Dark Cherry or Walnut  
Interior Treatment: Roman Shades  
Joystick Docking Control for V-Drives (Coupled w/Bow Thruster)  
Joystick Docking Control for V-Drives (Coupled w/Bow & Stern Thrusters)  
Lighting, Underwater - Transom (4)  
Macerator w/Seacock Interlock System  
Oil Changer System - Engines & Generator  
Ottoman, Salon  
Portlights, Opening - Salon & Galley  
Prop Holders - For Spare Zeus Props (Props Not Included)  
Prop Holders - w/Spare Props (V-Drive Only)  
Remote Control, Universal - Logitech Harmony  
Rig for Passerelle System - Transom  
Rod Holders (2)

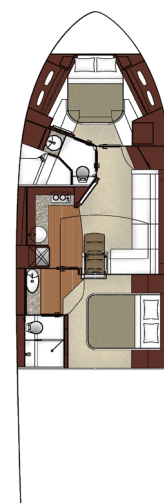
Speaker Upgrade, Cockpit Exterior  
Spotlight w/Dual Halogen Bulbs - Remote Controlled (ACR®)  
Stereo System Upgrade - Master Stateroom and Salon  
Sun Pad Filler Cushions - Cockpit  
Sun Pad w/Adjustable Backrest - Forward Deck  
Sunroof Sunshades, Manual - Sunroom  
Sunshade, Retractable, Electric - 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, Oversized Teak Table - Cockpit  
Table, Coffee (Movable) w/High-Gloss Wood Surface & Storage Below - Interior  
Third Stateroom Option  
Transformer, Shore Power Isolation Boost - 240V/50 Amp  
TV, 24" LED, w/Remote Blu-ray™ Player - Fwd Stateroom  
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  
Windshield w/Opening Side Windows - Port & Stbd  
Yacht Flag & Flagpole

CE Option

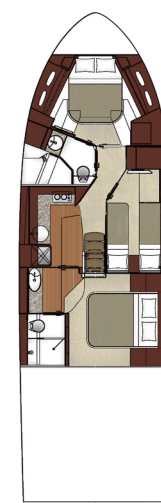
*NOTE: Some features and options may not be available when a boat is built for regions outside North America and/or has CE Certification. Boats ordered with 220V/50 cycle electrical systems will have the appropriate appliances in the corresponding voltage.*



COCKPIT/SUNROOM LAYOUT



LOWER CABIN LAYOUT



LOWER CABIN OPTIONAL  
3-STATEROOM LAYOUT

# 510 SUNDANCER®

There comes a peace at the very center of everything, when the world pivots around you in perfect balance. Some people spend a lifetime trying to find this spot. Others simply settle into the solarium-like covered cockpit of the 510 Sundancer. Light streams in through endless acres of glass above and to every side and even follows you when you head below under SkyFlow's glass cathedral ceiling over the galley and salon. Dissolving the separation between indoor and outdoor helped the 510 Sundancer win the AIM Marine Group Editor's Choice Award. Its technical prowess and inspired execution ensured the win, and the peace you will find therein.



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



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



Going below has never been this bright of an idea. The 510 Sundancer was engineered with patented SkyFlow Design™ dissolving the line between indoor and outdoor spaces, and allowing natural light deep into the yacht like never before. Galley and salon connect with the enclosed cockpit beneath a long stretch of glass, bringing bright sunlight into the interior. It's just another way that Sea Ray is making better yachts.



The water's peaceful solitude is part of its unique beauty, but great quiet time doesn't need to stop there. The 510 Sundancer's full-beam mid-ship master stateroom has a private head, commodious closet system and welcoming sitting area, truly making it your own private oasis.



Everyone loves a brightly lit room. The 510 Sundancer's enclosed sunroom with oversized deckhouse windows and expansive pneumatic sunroof lets the outside in while providing comfortable, climate-controlled living without the need for canvas. You'll relax in the inviting solarium, wishing a room so perfect were in your home.

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*Sea Ray*



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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. November 2014 ©Sea Ray Boats.