

L650 – SEA RAY



Builder:

SEA RAY

Model:

L650

LOA:

65' 0" (19.81 m)

Beam:

17' 0" (5.23 m)

Max Draft:

16' 8" (5.08 m)

Water Capacity:

280 Gallons

Fuel Capacity:

1030 Gallons

Hull Material:

Fiberglass and Plastic Yachts

Deck Material:

Fiberglass

Engines:

2

Manufacturer:

Caterpillar

Engine Type:

Inboard

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OVERVIEW

Discover the L650 from SEA RAY, a motor yacht that carries the practicality of a cruiser. Listed through Andrey Shestakov and Shestakov Yacht Sales, this model combines dependable diesel propulsion with dimensions that make it straightforward to handle and maintain for confident time aboard.

Selecting a L650

Opting for the L650 selects a well established platform tailored to owners who prioritize interior volume and operational efficiency. With an overall length of 65 ft (19.81 m) and a beam of 17 ft (5.23 m), it delivers comfortable entertainment areas and liveaboard space. Twin inboard Caterpillar diesels make routine handling and maintenance more predictable, while tankage of 1,030 gal for fuel and 280 gal for freshwater extends range and autonomy. For buyers seeking a refined motor yacht that behaves like a capable cruiser, the L650 is a standout choice.

Features of the Model

- Twin Caterpillar inboard diesel propulsion delivers proven dependability and precise low speed maneuvering.
- A robust fiberglass and plastic hull paired with a fiberglass deck offers long term durability and simplified upkeep.
- Substantial tank capacities—1,030 gal of fuel and 280 gal of potable water—support extended cruising schedules.
- Balanced dimensions of 65 ft LOA, 17 ft beam, and a 16.677 ft maximum draft allow comfortable coastal passages and offshore legs.
- Constructed by SEA RAY, aligning with expectations for factory support and after sales service.

Technical Specifications

- LOA: 65 ft (19.81 m)
- Beam: 17 ft (5.23 m)
- Draft (max): 16.677 ft (5.0833 m)
- Hull: fiberglass and plastic construction
- Deck material: Fiberglass
- Engines: 2 x Caterpillar, Inboard
- Fuel type: Diesel
- Fuel capacity: 1,030 gal
- Fresh water capacity: 280 gal

Pricing and Ordering

To obtain current pricing, check availability, or schedule a viewing of the L650 by SEA RAY, please contact Andrey Shestakov at Shestakov Yacht Sales. Our brokerage will provide personalized assistance through specification review, survey coordination, negotiation, and final delivery planning.

Questions and Answers

Q: What type of yacht is the L650? A: It's a motor yacht laid out as a versatile cruiser, offering a compromise between onboard comfort and capable performance under the SEA RAY name.

Q: What are the key dimensions of the model? A: The L650 has an overall length of **65 ft (19.81 m)** , a beam of **17 ft (5.23 m)** , and a maximum draft of **16.677 ft (5.0833 m)** .

Q: What is the hull and deck construction? A: The hull uses a **fiberglass and plastic hull** approach, complemented by a **fiberglass** deck designed for

structural integrity and reduced maintenance demands.

Q: What powers the yacht? A: Twin **Caterpillar inboard diesel** engines are the primary propulsion choice, selected for consistent performance and serviceability.

Q: How do I get pricing or place an order? A: Contact **Andrey Shestakov** at **Shestakov Yacht Sales** for the latest pricing, availability details, and full brokerage support when purchasing the L650.

Owner Experience Review

Owners often characterize the L650 from SEA RAY as a genuinely owner driven cruiser. Typical usage patterns include family cruising and seasonal runs between New England, the Mid Atlantic, and Southeast Florida, in addition to weekend getaways and short hops to the Bahamas. Features like the helm side door, joystick steering, and capable bow/stern thrusters—paired with a responsive helm—help make tight space maneuvering manageable without professional crew assistance.

In service and at sea, sea trials report a composed, steady feel when Seakeeper gyro stabilizers are active and a soft, forgiving re entry. Comfortable cruising speeds are commonly in the 23–25 knot range, while wide open throttle typically lands around 30–30.7 knots, with a marked increase in fuel consumption at top speed. Interior liveability rates highly: a four stateroom lower deck including a full beam master, an open galley salon layout, and owner appreciated ergonomics and finishes make it well suited to families and guests. As one longer term live aboard owner noted, “I would not change a thing, except for maybe rethink the master stateroom closets. My wife is happy...”

The primary downside reported centers on execution. Several owners

reference significant delivery punch lists—occasionally nearing 100 items—and repeated electrical and fit out adjustments, a pattern summed up by one experienced owner as “great design, horrible execution.” Specific service issues called out include some boats delivered without a factory expansion/pressure tank and carpeting/staple installations that created water ingress concerns. Operating and maintenance costs tend to be higher than for smaller vessels, driven by twin Caterpillar C18 engines, gyro stabilizers, and larger systems, though reviewers note engine room accessibility as a positive aspect for servicing.

Pros and Cons

- Owner operator centric controls and layout with responsive handling plus thrusters and joystick assistance for simplified docking.
- Predictable, stable ride in wakes when Seakeeper gyros are engaged and a soft bow re entry.
- Generous four stateroom configuration featuring a full beam master and an inviting galley salon for entertaining.
- Multiple owners have reported extensive delivery punch lists and recurring fit and finish corrections.
- Service items noted by owners include missing expansion/pressure tanks and carpeting/staple installations that risk water ingress.
- Running and ownership expenses are higher than for smaller yachts due to large engines, gyro stabilizers, and more complex onboard systems.

Comparison with Other Models

Model	LOA	Beam	Draft	Speed (Cruising/Max)	Gross Tonnage
L650	65' 0" (19.81 m)	17' 0" (5.23 m)	16' 8" (5.08 m)		

Sundancer 320 OB	34' 0" (10.36 m)	10' 0" (3.18 m)	11' 6" (3.50 m)		
240 Sundeck	26' 0" (8.03 m)	8' 0" (2.59 m)	11' 3" (3.42 m)		
270 SLX	28' 0" (8.53 m)	8' 0" (2.69 m)	6' 10" (2.08 m)		
500 Sundancer	53' 0" (16.26 m)	15' 0" (4.65 m)	13' 5" (4.08 m) – 14' 3" (4.33 m)		
SPX 210 OB	21' 0" (6.40 m)	8' 0" (2.56 m)			
390 Motor Yacht	41' 0" (12.72 m)	14' 0" (4.34 m)	9' 10" (3 m)		
44 Sedan Bridge	44' 0" (13.44 m)	14' 0" (4.34 m)	12' 0" (3.67 m)		
350 Sundancer	35' 0" (10.82 m)	11' 0" (3.50 m)			
450 Express Bridge	51' 0" (15.65 m)	14' 0" (4.47 m)	11' 3" (3.42 m)		

SPECIFICATIONS

LOA:

65' 0" (19.81 m)

Max Draft:

16' 8" (5.08 m)

Water Capacity:

280 Gallons

Hull Material:

Fiberglass and Plastic Yachts

Engines:

2

Engine Type:

Inboard

Beam:

17' 0" (5.23 m)

Fuel Capacity:

1030 Gallons

Deck Material:

Fiberglass

Manufacturer:

Caterpillar

Fuel Type:

Diesel

GALLERY











CONTACTS

Shestakov Yacht Sales is a brokerage company specializing in the sale and service of yachts worldwide. The company offers services for buying and selling both new and used motor yachts, sailing vessels, and luxury superyachts. They also provide yacht registration, insurance, technical maintenance, crew selection, and charter organization services across the U.S., Canada, Latin America, the Caribbean, and the Bahamas.

The founder and lead broker of the company is Andrey Shestakov, a licensed and certified expert with extensive experience in marine engineering and shipbuilding.

The company has an extensive network of partnerships with major yacht manufacturers worldwide and provides services in multiple languages, including Russian, Ukrainian, Spanish, and English. The office is in Dania Beach, Florida, USA.

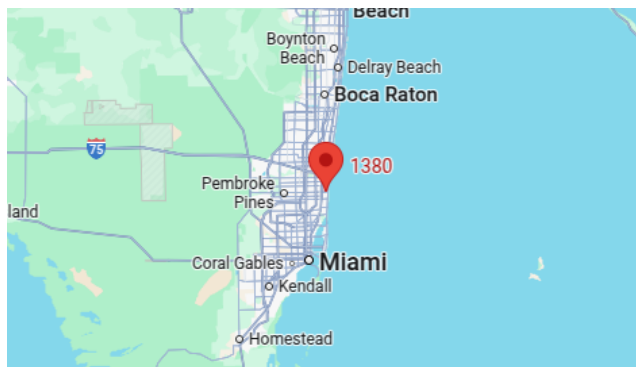
For more information and to view available yachts, you can visit the company's official website: <https://shestakovyachtsales.com>

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