

11m Explorer Catamaran

Master Technical Specifications & Website Copy Reference

The 11m Explorer Cat is an elite, extended multi-role platform meticulously engineered for versatility. Serving flawlessly as a premium sports fisher, high-capacity day boat, luxury ski platform, or high-end superyacht tender, it integrates built-in structural lifting strakes and heavy-duty tow connections directly into its marine-grade hull frame. Featuring an advanced 2026 hydrodynamic reverse bow design, it drives up to 20% more effective performance and premium stability compared to standard pontoon vessels.

1. HULL ARCHITECTURE & GENERAL SPECIFICATIONS

This premium catamaran features heavy-duty structural capabilities, including an automated front loading beach gate with specialized floor-integrated holding lugs designed to cleanly transport trail-type motorbikes and heavy utility water toys directly onto beach terrain.

Length Overall	11.00 meters
Beam / Width	2.80 meters
Hull Material	Premium Marine-Grade Aluminum (5083 Grade)
Design Configuration	2026 "Sleek" Catamaran Hull with integrated Wave Splitter engineering
Structural Reinforcement	Fully welded under-skin and robust Centre Nacelle architecture
Transom & Yacht Lifting	Radius stepped transom paired with full-length hull-integrated lifting strakes for elite superyacht crane operations
Exterior Finish	Fully painted in Marine 2-Pac; unique curved hull side profiles wrapped for modern aesthetics
Access & Entry Gates	Front automatic loading/landing gate, dual forward wheelchair-accessible side entry gates, and an automatic push-button lowering rear swim and water platform
Tender Integration	Standard equipped 1x set of integrated jet ski rails and a removable heavy-duty loading winch
Mooring Hardware	6 x Flush-mount heavy-duty mooring cleats (3 positioned cleanly per side)

2. PROPULSION & PERFORMANCE ENGINEERING

Standard Propulsion	Mercury 250HP 4-Stroke premium outboard motor range
Performance Upgrade	Optional factory performance upgrade to a 300HP outboard configuration available from the manufacturer
Alternative Motor Brands	Yamaha, Honda, or Suzuki setups available and engineered seamlessly upon request
Warranty Protection	Comprehensive 5-Year manufacturer warranty covering all propulsion units
Steering & Handling	Multisteer hydraulic tilt helm paired with a premium Gussi Italia marine steering wheel
Mercury Docking Joystick	Advanced Mercury hand control docking joystick functionality available as an optional extra-cost upgrade

3. FUEL & FRESH WATER INFRASTRUCTURE

Integrated Fuel System: 600 Liters total fuel capacity built straight into the dual-hull compartments. Features an optional upgrade to fit an additional 200-liter reserve auxiliary tank. Plumbed with top-tier Vetus fuel lines, water-fuel separation filters, and high-precision SIC Elettronica level sensors.

Fresh Water Management: Outfitted with a standard 200L fresh water tank (upgradable to a 320L underfloor configuration), driven by a Xylem HD5 high-pressure pump and Vetus/Barka plumbing lines. Features a stainless steel galley sink with a foldable mixer tap and an electric hot/cold transom shower. Fully compatible with optional Tecnicomar watermakers and includes a Webasto continuous-flow 25L water heater.

4. ADVANCED ELECTRICAL ARCHITECTURE & SOLAR

Engineered for full off-grid capability and reliable high-draw power distribution using industry-leading Mastervolt power architecture:

- **Battery Infrastructure:** Mastervolt MLI Ultra Lithium-Ion battery banks featuring advanced integrated internal cooling.
- **Solar Generation:** Dual high-output 1100W solar panels connected directly via a Mastervolt SCM60 MPPT solar charge controller.
- **Alternator & Dock Charging:** Mastervolt ChargeMaster 12/100-3 smart charging module featuring native CZone integration.
- **Power Management:** Centralized distribution handled via Mastervolt inverters and a Mastervolt DC500 distribution hub.
- **Outlets & Shore Power:** 2 x 240V AC shore power outlets, 6 x 12V USB charging ports, and a heavy-duty 32A shore power dockside inlet protected by BEP marine-grade circuit breakers.

5. NAVIGATIONAL HELM & SMART VESSEL TECHNOLOGY

High-Tech Command Station: Available in both Right-Hand Drive (RHD) and Left-Hand Drive (LHD) configurations. Centered around a Simrad NSX 3012UW 12" ultrawide HD multi-function display with built-in GPS, sonar, and Wi-Fi.

Features integrated Simrad HALO20 dome radar, a dedicated high-gain GPS antenna, marine VHF radio, an Active Imaging™ transducer, and a deep-water Airmar transducer.

Smart Automation & App Control: Standard smartphone app connectivity enables users to start/stop the engine, manage lighting zones, and monitor geofenced security tracking. CZone and Simrad networking allow optional cloud-based factory remote monitoring with dual-redundancy tracking handled by project managers. Optional upgrades include YouTube Live streaming subscriptions and live factory service support.

6. LUXURY AMENITIES, GALLEY & ACCOMMODATIONS

- **Premium Multi-Color Galley:** Scratch-resistant easy-clean benchtops available in multiple color paths with ample drawer storage. Fully equipped with a Kenyon dual-burner cooktop, electric galley grill, Indel Webasto fridge/freezer combo, a secondary drawer fridge, and an integrated icemaker. Mastervolt inverters effortlessly run extra galley gear like coffee makers. Custom soft blue LED strip lighting highlights under-bench and walkway areas.
- **Extended Rail BBQ:** Heavy-duty electric rail BBQ attached directly to the aft safety rails, featuring an extending prep table that increases total galley workspace by an impressive 70%.
- **Lower-Hull Bathroom Module:** A smart, private change room hidden in the lower hull structure behind a smooth sliding door. Includes a fully appointed hot-water shower, marine toilet, basin, and storage cupboards. When closed, the flat top surface of the door structural block serves as an extra food preparation bench, protected by a 1" safety rail.
- **Overhead Accommodation:** Standard 2-person double-bed camper tent pod mounted cleanly to the hardtop roof, accessed via an aluminum heavy-duty ladder. Accompanied by integrated kayak/paddleboard storage tracks (rollers optional) on both sides of the roof line.
- **Convertible Daybed Lounge:** A lowering contemporary dining table finished in a clear natural woodgrain timber top is located forward. Includes a standard set of cushions that place over the lowered table to form an expansive daybed lounge. Custom forward waterproof canvas screens and central-raising pedestal tables are available to order.

7. DECK LAYOUT, SAFETY & SHADING

- **Flooring Layout:** Outfitted throughout with premium SeaDek non-skid marine flooring. Custom color combinations and laser-etched boat logos are available standard upon request (Premium synthetic teak finishes available as an upgrade option).
- **Aft Deck Rails:** Protected by heavy-duty 2" painted 5083 aluminum safety handrails and quick-clip safety ropes. The rear safety deck layout includes an integrated structural bait cutting board, 4 x integrated rod holders per side, and a port-side marine electric BBQ grill.
- **Shading Infrastructure:** Manual front awning utilizing high-strength support poles (AMC carbon fiber poles available as an upgrade). The rear deck features a SureShade RTX 4.5ft electric retractable awning engineered to stay securely open while cruising at speeds up to 8 knots, using Citel solution-dyed acrylic marine fabrics.
- **Deck Hardware & Cabin Upgrades:** Custom upholstery packages include personalized embroidery and matching trims with the boat's name engraved directly into the seating trim. Large wiring-free storage lockers positioned beneath all seating spaces. Includes 10 x integrated stainless steel drink holders, 2 x secure phone mounts, and 2 x wireless inductive charging pads.
- **Enclosed Cabin Variant:** Full premium structural cabin enclosure configuration featuring opening blinds and privacy screens (coming soon for 2026 cabin ranges) is available as an extra-cost option: **+\$130,000 USD**.

8. SPORTS FISHING, ANCHORING & SAFETY SYSTEMS

Fishing Equipment	1 x Integrated live bait well tank built standard on the starboard side at the rear aft area, alongside forward bow and aft floor-mounted insulated fish storage boxes. Integrated with Mate Series combined angled rod/drink holders.
Anchoring Assembly	Helm-controlled Savwinch 2000SS 12V automatic drum winch paired with an H2Pro stainless steel Delta anchor, 140 meters of high-tensile anchor rope, 8 meters of calibrated chain, and an anti-tangle swivel layout.
Bilge & Sump Drainage	6 x High-volume automatic bilge pumps equipped with independent internal float switches distributed across both hulls (Note: standard on platforms below 12m), paired with a Jabsco multi-port grey-water sump system.
On-Board Safety	Two commercial-grade hand-held fire extinguishers supplied by Fire Boy and Plastimo, alongside a full complement of regulation-compliant life jackets tailored to the boat's maximum passenger capacity.
Lighting Systems	Interior/exterior Casolux soft-tone LEDs, Lumishore Eclipse blue LED walkway strips, Vision X floodlights, and Attwood/SIC Elettronica navigation lighting. Dual rear-allocated Lumishore underwater RGBW lights integrate directly into the Simrad display for music-synced control.

9. PREMIUM OPTIONAL UPGRADES MATRIX

- **Expanded Underwater Lighting:** Upgradable to a 3-light setup per hull side at extra cost.
- **Under-Bench Kegerator:** 188-Liter dual-tap integrated beverage Kegerator designed to lower smoothly under the primary galley benchtop.
- **AMC Carbon Fiber Awning Poles:** Ultra-lightweight, high-tensile carbon fiber poles for enhanced stability in high wind zones.
- **Bow Thruster Integration:** External helm-controlled bow thruster units can be retrofitted to the 11m hull platform for tight-quarters docking precision.
- **Manual Sunroofs:** Dual 450mm square manual opening sunroofs can be integrated into the hardtop (Available only if the rooftop accommodation camper tent is omitted from the build plan).
- **Satellite Entertainment:** Marine-grade stabilized Satellite TV dish receiver upgrades.
- **Vessel Protection Packages:** Full-hull premium ceramic paint protection coatings and custom-tailored mooring zip-and-clip canvas storage covers.

TRUSTED GLOBAL MARINE COMPONENT PARTNERS								
Simrad	Mastervolt	JL Audio	Webasto	Vetus	Tecnicomar	SureShade	Lumishore	
Kenyon	Savwinch	Plastimo	ROCA	Gussi Italia	Multisteer	SeaDek	Citel	
			Mercury Marine					