

MARINE WARRIOR 80FT SIGNATURE RANGE CATAMARAN

Official Master Technical Specifications Brief

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1. Core Naval Architecture & Dimensions

- **Design Aesthetic:** Modern Contemporary Sleek Catamaran (Inside & Out)
- **Hull Engineering:** Proprietary wave-breaking center-fin hull design standard
- **Construction:** High-tech Marine-Grade Aluminum
- **Length Overall (LOA):** 24.384m (80ft)
- **Beam Overall:** 11.0m (36.0892ft)
- **Draft (Light Ship):** 1.7m (5.56ft)
- **Headroom (Main Cabins & Living Areas):** 2.4m (7.87ft)
- **Certification:** Built to ISO 9000 / CE Class International Standards
- **Standard Exterior Color Palette:** Pure White paired with Deep Blue or Aqua

2. Propulsion, Power & Operational Ranges

Standard Hybrid Configuration

- **Main Engines:** Twin (\$2\times\$) Inboard mtu Series 2000 shaft drive units
- **Power Output:** Power Range of 720–1,939 kW (536–2,600 bhp) per engine
- **Engine Systems:** Integrated touch-button flushing with advanced fuel management systems fed by twin high-pressure pumps.
- **Performance (Diesel / Hybrid Mode):**
 - *Top Speed (Combined):* 18–24 knots
 - *Hybrid Torque Phase:* Provides up to 3,000 kW of maintained power for speeds above 16 knots before traditional combustion RPM requirements take over.
- **Conventional Range:** Approx. **3,500 Nautical Miles (Nm)** at a 14-knot cruise speed at half load (Diesel version only).
- **Fuel Capacity:** 8,200L Standard + 10,950L Long-Range Reserve tanks (Total: 19,150L) used when running above 16 knots.

Eco-Propulsion Matrix & Upgrade

- **Zero-Emission Mode:** Zero Diesel, Zero Gasoline, Zero Hydrogen, Zero Generators, No Sail Required.
- **Performance (Zero Propulsion Mode):** Achieves up to **16 knots top speed** purely on clean energy.
- **Range: Unlimited NTM Range** when cruising at or below 16 knots (completely eliminating the need to refuel).
- **Eco-Propulsion Upgrade Cost: \$450,000 USD** (Applied on top of the standard engine

listed price configuration to enable the full Zero Diesel matrix).

Maneuvering & Systems Infrastructure

- **Thrusters:** Dual (\$2\times\$) high-output Electric Bow Thrusters standard.
- **Vessel Control:** Dock Mate handheld wireless docking remote control standard.
- **Climate Control:** Webasto 10,000 BTU marine air conditioning network.
- **Hot Water:** High-capacity Webasto continuous-flow 70L hot water heating network.
- **Water Production:** 200L per hour ZEN brand Water Maker standard.
- **Tankage:** 860L underfloor fresh water tank (port side), secondary \$2\times\$ 660L water capacity; dual (\$2\times\$) 550L black/grey water holding tanks.

3. Autonomous & Cloud Technology Integrations

- **Self-Driving & Auto-Docking Suite (Optional Upgrade: \$120,000 USD):** Fully autonomous navigation and docking capabilities (monitored by captain at all times).
- **Emergency Cloud Overwrite:** Base-to-factory server integration allows global Marine Warrior project managers to remotely pilot the vessel to a safe port or anchorage location during a safety or medical emergency.
 - *Safety Monitoring Subscription:* \$150 USD / month.
 - *Emergency Cloud Pilotage:* Fixed \$150 USD / hour.
- **Factory Project Telemetry:** CZone & Simrad network integration providing full dual-redundancy mechanical and technical cloud monitoring.
- **Live Stream Matrix:** YouTube Live streaming capability integrated with on-board GPS and tower-mounted radar.
 - *Back-to-Base Cloud Stream Subscription:* \$60 USD / month.

4. Advanced Navigation & Electronics (Helm Matrix)

- **Helm Design:** Stilt-steer high-tech helm station with \$3\times\$ ergonomic Captain's Chairs and an automated sunroof overhead featuring opening blinds/screens.
- **Main Displays:** Three (\$3\times\$) SIMRAD NSO 24" Multi-Function Displays.
- **Radar:** 1x Simrad Radar mounted on a heavy-duty master radar tower.
- **Sonar:** 1x Bronze Thru-hull Transducer (B175 Airmar).
- **Comms & Safety:** \$2\times\$ VHF RS40B with integrated AIS.
- **Autopilot:** Dual (\$2\times\$) AP44 Autopilot Controllers managing dual Autopilot Systems for the inboard engines (1x hardware redundancy).
- **Night Vision:** Marine-grade Sionyx Night Vision Camera network.
- **Mobile Connectivity:** Full Simrad app remote integration—control lighting, power systems, security, and start/stop functions directly from your smartphone.
- **Satellite TV / Starlink:** SkyLink / Starlink Satellite TV upgrades available (subscription costs apply).

5. Luxury Accommodation & Interior Layout

- **Master Suite:** 1x Forward Full-Beam Master Stateroom featuring an Ensuite bathroom, King-size bed, extensive integrated storage, smart TV, and private bar area.
- **VIP Guest Suites:** \$4\times\$ Luxury VIP Guest Suites, all featuring private Ensuites, large

beds, expansive storage, and dedicated smart TVs.

- **Crew Quarters:** 2x Dedicated crew areas equipped with bunk beds and private bathrooms optimized for space.
- **Wellness Amenities:** 1x Dedicated on-board Gym room.
- **Office Space:** 1x Dedicated executive workstation/desk and office area.
- **Day Heads:** 2x Securely allocated day heads.
- **Interior Styling:** Modern luxury interior layout. Features premium timber-look flooring (excluding bathrooms) and designer Italian Leather luxury seating with personalized, custom-stitched vessel branding on all trim surfaces.
- **Main Salon Amenities:** Premium lowering timber dining table in a modern contemporary design. 10x fitted drink holders and 4x integrated phone holders.

6. Premium Galley & Catering Framework

Equipped exclusively with premium, high-efficiency **Miele appliances** surrounded by expansive, open-concept preparation benches:

- 2x Double-door Miele Refrigerators
- 1x Miele High-Performance Oven
- 1x Miele Professional Dishwasher
- 1x Miele Built-In Coffee Machine
- 1x 6-Burner Induction Cooktop
- 2x Double-bowl Stainless Steel Sinks
- 1x Integrated Microwave

7. Deck, Entertainment & Beach Club Architecture

Transformational Roof & Balconies

- **Full-Beam Solar Aft Roof:** The upper deck features a full-beam solar panel roof area hosting 10x 1100-watt solar panels with Victron controllers, DC-to-DC chargers, and an inverter system. The roof opens fully at anchor to create a massive shaded outdoor dining, living, and sunbathing area.
- **Electric Tropicana Side Balconies:** Twin electric power-raise aft side platform wings extending over 1m wide (expanding the entertaining beam to an incredible **13 meters wide** at anchor). When deployed, they function as expanding balconies with integrated swim ladders, protective balcony rails, and black structural poles with marine rope balustrading. When underway, they fold up flush to provide heavy-duty sea protection.
- **Aft Swim Platform:** Automated, push-button lowering full-beam swim platform between the sugar scoops. Equipped with drop-in ski skids for a Jet Ski, it lowers completely into the water for swimming or direct access. Includes a built-in lazarette folding step configuration for mooring.

Exterior Wet Bar & Multi-Power Prep Station

- High-output electric BBQ system mounted at the owner's desired location on the exterior handrails.

- Lightweight bench countertops with stainless steel surround-rail edging and built-in RGB lighting.
- Twin stainless steel sinks and integrated secondary power management.
- \$1\times\$ 188L twin-tap Kegerator + \$1\times\$ 39L recessed Ice Box + \$1\times\$ 30kg high-capacity Ice Maker.
- \$2\times\$ Recessed waste bins + \$2\times\$ 4-drawer cutlery setups.
- \$2\times\$ Stainless Steel 273L Fridges + \$1\times\$ Stainless Steel Dedicated Freezer.
- \$3\times\$ Stainless Steel integrated bar stools and compact private bar terrace area.

Entertainment & Comfort

- **Audio Matrix:** Premium Bose and Fusion soundscape featuring a dedicated head deck driving \$30\times\$ 6.5" RGB speakers, \$3\times\$ 12" Subwoofers, and dual (\$2\times\$) 2,000W amplifiers (6,000W total amplification).
- **Visuals:** \$6\times\$ 50" Samsung motorized pop-up/lowering TVs.
- **Shade Matrix:** Front manual awning extending from the hardtop with high-strength 50mm Carbon Fiber poles. Standard rear 6ft wind-resistant retractable shade awning (operational underway up to 8 knots).
- **Flooring:** High-durability Synthetic Teak fitted standard across all exterior decks, with timber-look floors internally (excluding bathrooms).

8. Marine Hardware, Safety & Utility

- **Fender Management:** 6x heavy-duty lift-style fender cleats per side (\$12\times\$ total) with twin integrated fender recesses on the seats.
- **Water Sports & Angling Utility:** Rooftop Kayak/Paddleboard racks featuring integrated rollers for effortless mounting. Removable Jet Ski rail system and dedicated on-board Jet Ski refueling station. Integrated live bait tanks and catch-cooling boxes.
- **Lighting Arrays:** Advanced digital switching network via iPad/iPhone controlling overhead and under-furniture RGB accents, interior downlights, dual (\$2\times\$) high-power 50-inch aft light bars, exterior waterline LED arrays, and \$4\times\$ Rear blue underwater lights standard (plus 4x extra underwater lights per side).
- **Protection Packages:** Privacy retractable blinds on all side windows are fitted standard. Custom-made removable exterior canvas covers for front seating, tables, and rear cockpits are available to order.
- **Fire & Safety Wardroom:** 2x Handheld fire extinguishers, integrated engine-room fire suppression systems, and a complete offshore safety/life jacket package matching maximum vessel capacity.