

AQUASTRA

FLOATING ARCHITECTURE



OVERWATER VILLA · SPECIFICATION

Lagoon

Open water. Calm presence.

REEF SHALLOWS AT SUNSET

40 M · TRIMARAN OR QUADRIMARAN — 3 OR 4 PARALLEL HULLS

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Luxury floating villas engineered for resorts, island developments and high-end tourism destinations, delivered complete, positioned and connected.

PRINCIPAL PARTICULARS

Length overall	40 m
Beam	10 or 12 m
Draft	1.2–1.6 m
Air draft	8.5–10 m
Hull platform	Trimaran or quadrimaran — 3 or 4 parallel hulls
Decks	1–3
Capacity	1–3 bedrooms
Survey range	Open water (sheltered seas)
Delivery	12–16 months

SPECIFIED FOR

GOVERNMENT & DEFENCE	COMMERCIAL & HOSPITALITY	PRIVATE & LEISURE
— VIP government accommodation	— Overwater resort villa	— Private overwater villa
— Diplomatic guest villa	— Premium eco-lodge	— Family retreat
— Hospitality platform	— Exclusive holiday rental	— Private-island residence
— High-level briefing venue	— Waterfront show villa	— Premium second home

HULL & CONSTRUCTION

- Vacuum-infused FRP composite hull
- Closed-cell composite core
- Marine structural bulkheads
- Reinforced longitudinal and transverse frames
- Anti-osmosis protection and marine gelcoat finish
- 316L stainless steel and marine-grade aluminium
- Tempered marine glass
- Composite decks and roof, fire-resistant materials

MODULAR SUPERSTRUCTURE

- Every deck above the main deck is manufactured as an independent module, reinforced with marine-grade aluminium structural framing.
- Lighter structure and a lower centre of gravity
 - Increased rigidity and improved stability
 - Corrosion resistance
 - Faster production and simpler transport
 - Simplified maintenance
 - Ready for future upgrades and refurbishment

PROPULSION ARCHITECTURES

Standard	Diesel inboard or petrol outboard — proven range and serviceability.
Hybrid diesel–electric	Range with silent nights at anchor.
Full electric	Zero emissions at anchor and under way.
Solar assist	Integrated rooftop array for energy independence.

MOORING & STATION-KEEPING

SPECIFIED PER SITE

A platform is only as good as the way it is held. Station-keeping is specified per site, from a survey of depth, seabed, tidal range and prevailing weather — not selected from a catalogue.

FROM ENQUIRY TO HANDOVER

01 Design consultation	Requirements, deployment waters and operating model are established.
02 Layout & GA freeze	The general arrangement is fixed; final dimensions and figures are issued at this point.
03 Build & fit-out	Hull lamination, modular superstructure assembly and interior fit-out.
04 Trials & handover	Commissioning, trials and delivery to the deployment site.

Warranty periods, response times and service rates are commercial terms, set per contract. We put them in writing at proposal stage — ask and we will send the current terms.

Classification and survey scope are set to the client requirement and the intended operating area, and are confirmed during design consultation.
Dimensions and capacities are provisional until general-arrangement freeze. Draft varies with load condition.
Imagery is concept render and is indicative, not a photograph of a delivered platform. This document is a specification summary, not a contractual specification. Pricing is prepared for your exact configuration and provided on application.