



solarpod

The Solarpod is a solar-electric floating villa that redefines life on water through sustainability, design, and innovation.

Dimensions and Specifications - Solarpod 18

- Overall Length (LOA): 59 ft (18 m)
- Beam: 25.5 ft (7.8 m)
- Draft: 1.5–2 ft (shallow draft, ideal for sheltered waters)
- Living Space: 870 sq ft interior (81 sqm) + 970 sq ft exterior terraces (90 sqm)
- Capacity: Up to 12 passengers (day use)

Capacities

- Fuel Tank (for generator): 119 gal (450 L)
- Fresh Water Tank: 132 gal (500 L)
- Black Water Tank: 92 gal (350 L)
- Grey Water Tank: 92 gal (350 L)
- Batteries: 55 kWh house batteries (48V system)
- Inverter: 15 kWh to 240V

Main Equipment

- Engines: Optional electric outboards for maneuvering
- Generator: Range extender options – diesel or hydrogen fuel cell
- Air Conditioning: 3 × 16,000 BTU tropical systems
- Solar Panels: 16 curved high-efficiency marine panels (1,055 sq ft / 98 sqm coverage)
- Navigation & Systems: Integrated control board (48V & 240V), bilge pumps with warning lights, fire detection and prevention system, Fusion surround sound

Key Features

- Recyclable HDPE Hulls: 24 modular sections, toxin-free, 50-year Photovoltaic glass: Transparent photovoltaic smart Glass converts ultraviolet and infrared to electricity while transmitting visible light into the interior)
- Eco-Responsible Finishes: Natural fabrics, cork, and paper-based surfaces available
- Modular Design: Expandable layouts, shippable in standard containers

