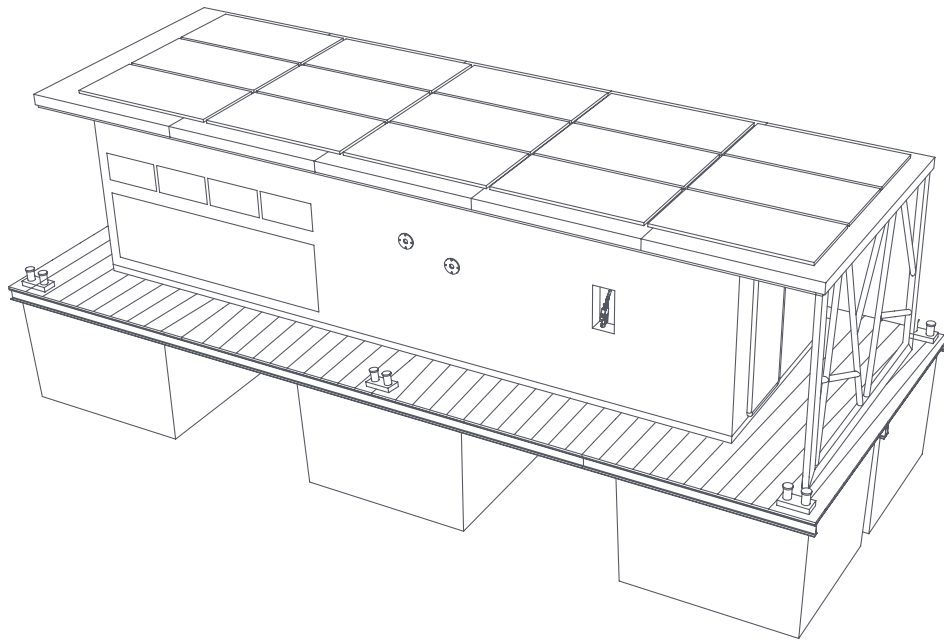


ECOCube

specification sheet



MARSERVIS

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Dimensions:

modular – from 6 × 2.5 m up to 12 × 5 m

Capacities:

Wastewater tank: 8 000 L

Fresh-water tank: 4 000 L + 120 L/h refill rate with desalinators

Solid-waste containers: 800 L × 8 pcs

Energy:

On-grid: standard marine power connection

Off-grid: 7 kW PV array + 30 kWh LiFePO4 battery bank

Equipment:

GPRS / Wi-Fi communication module

IoT sensors for real-time monitoring (e.g. solid-waste level)

Video surveillance cameras

Environmental sensors (temperature, humidity, air quality)

NMEA 2000 sensor systems for wastewater & fresh-water levels

QR code access & mobile application

Materials:

NFC (Natural Fiber Composite) panels

Recycled GRP (Glass-Reinforced Plastic) panels