



Expandable Prefab House with 10-Minute Assembly 75mm EPS Sandwich Walls and 5,000 Hours Salt Spray Testing

Our Product Introduction

for more products please visit us on prefabricated-containerhouses.com

Basic Information

- Place of Origin: china
- Brand Name: INFINITE STARS
- Certification: CE,ISO9001,ISO45001,ISO14001
- Minimum Order Quantity: 7 Sets
- Delivery Time: 5-30 work days
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,MoneyGram
- Supply Ability: 2000 Sets PER Month

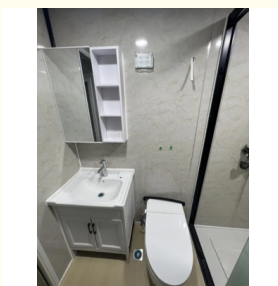
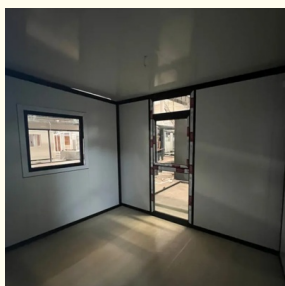


Product Specification

- Frame: Fully Galvanized Steel, Electrostatic Spray Coating
- Roof: 0.35 Mm Corrugated Sheet + 50 Mm EPS Sandwich Panel
- Walls: 75 Mm EPS Sandwich Panel
- Floor: Fireproof Magnesium Glass 18 Mm + PVC/SPC Flooring
- Windows: 930×930 Mm Main + 500×500 Mm Bathroom
- Bathroom: Dry & Wet Separation, Shower, Toilet, Basin, Frosted Glass Door
- Kitchen: L-shaped Cabinetry, Fully Fitted
- Electrical: CE, AU, US Standards Or Customized
- Highlight: **10-Minute Assembly Expandable Prefab House, 75mm EPS Sandwich Walls Prefabricated Container House**
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More Images



Product Description

Expandable Prefab House With Metal Carved Panels - Modern Living Solution

The expandable prefab house with metal carved panels redefines efficient, durable, and aesthetically versatile housing for diverse applications. Designed for rapid deployment and long-term performance, this innovative housing solution combines functionality with modern design.



Key Features

- Rapid Assembly:** 10-minute setup with fold-out steel frame system requiring only four workers
- Multiple Sizes:** Available in five configurations from 7*20ft (14) to 19*20ft (38)
- Durable Construction:** Galvanized steel frame with electrostatic spray coating for superior corrosion resistance
- Customizable Exteriors:** Metal carved panels available in RAL colors and textures (wood grain, geometric patterns)
- Advanced Insulation:** 75mm EPS sandwich walls and rock wool insulation (A1-class fireproof)
- Energy Efficient:** U-value of 0.28 W/(*K) reduces energy costs by 40%

Technical Specifications

Structural Component	Specification
Frame Material	Galvanized steel with electrostatic spray coating
Wall Construction	75mm EPS sandwich panels with metal carved exteriors
Roof Insulation	50mm EPS panels
Windows	930*930mm broken-bridge aluminum (5mm+12A+5mm double glazing)
Flooring	18mm fireproof magnesium oxide board with 4mm SPC vinyl
Temperature Range	-15°C to 45°C

Design Advantages

The 19*20ft model offers 85% usable space with optimized layouts including an L-shaped kitchen with 304 stainless steel fixtures and a dry-wet bathroom with frosted glass shower. The flooring system withstands 12,000+ abrasion cycles with waterproof properties, making it ideal for high-traffic areas.

Applications

Emergency housing solutions
Remote mining and construction camps
Boutique glamping and eco-resorts
Temporary and permanent residential use
Coastal environments (salt spray tested for 5,000 hours)



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