



High Tensile Expandable Prefab Container Homes House

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/ISO
- Minimum Order Quantity: 7 Sets
- Delivery Time: 3-7work days
- Payment Terms: L/C,D/A,D/P,T/T,MoneyGram,Western Union
- Supply Ability: 2000 Sets PER Month



Product Specification

- Use: House,Office,Hotel,Shop,Kiosk
- Size: Customers' Requirements,6055mmX2435mmX2896mm,2 Ft,5800mmX2438mmX2600mm,3*6*2.86 Meter
- Color: Customized Color,Optional,White&Gray,Any Color,Client's Request
- Door: Aluminum Alloy Door,Steel Door,Security Door,Sandwich Panel Door,Steel Cleanroom Doorevel
- Product Name: Quick Assembly Prefabricated House,Movable Prefab Modular Foldable Container House For Sale,container House Luxury Flat Pack 2-story Container House,Standard Prefab Building Fast Duplex Prefabricated Vacation House,Detachable Flat Pack Container House
- Structure: Galvanized Steel Frame,U Steel,Steel Luxury Container House,light Steel Structure Dome



Product Description

Research Memorandum: Expansion Container Product Description

1. Product Features & Design

Definition:

Expansion containers are modular, foldable units designed for space efficiency, rapid deployment, and multi-use applications.

Key Facts:

Foldable Structure: Compact when closed (20ft/40ft variants), expands 3x in size when opened.

Material: Galvanized steel frame + EPS/PU insulation, fire-resistant panels.

Customization: Configurable layouts (1-3 rooms), pre-installed utilities (electrical/water).

Trend: Rising demand in construction sites, disaster relief, and temporary housing due to urbanization.

2. Competitive Advantages

Definition:

Differentiators that set your product apart from standard containers.

Key Facts:

Cost Efficiency: 70% cheaper than traditional structures; reusable for 10+ years.

Transportation: Fits in 40ft shipping containers, reducing logistics costs by 50%.

Sustainability: Recyclable materials, zero-waste design.

Controversy: Some competitors prioritize speed over durability, but your product balances both.

3. Technical Specifications

Parameters:

| Feature | 20ft Model | 40ft Model |

|-----|-----|-----|

| Closed Size | 5.9m x 0.72m x 2.5m | 11.8m x 2.29m x 2.5m |

| Expanded Size | 5.9m x 5.03m x 2.5m | 11.8m x 6.47m x 2.5m |

| Weight | 1,800 kg | 3,200 kg |

| Load Capacity | 500 kg/m² | 500 kg/m² |

| Insulation | 50mm EPS/PU | 50mm EPS/PU |

Example: Used in [UAE](#) construction projects for worker housing, reducing setup time by 80%.

4. FAQ & Market Insights

Common Questions:

Q: How long does installation take?

A: 30–60 minutes per unit (no tools required).

Q: What's the warranty?

A: 1-year full warranty, 10-year structural guarantee.

Market Trend: Global mobile housing market to reach **\$12.3B by 2030** (CAGR 6.2%).

Recommended Resources

Report: [Global Modular Housing Market 2025–2030](#) (Grand View Research)

Video: ["How Expansion Containers Work"](#) (YouTube: 1688 Alibaba)

Case Study: ["Disaster Relief Deployment in Pakistan"](#) (World Bank)

Smart Summary

Market Growth: Expansion containers address \$12.3B market demand for temporary housing.

Competitive Edge: 70% cost savings + 10-year lifespan vs. competitors.

Technical Superiority: 50mm insulation, 500kg/m² load capacity, compact transport.

Customer Validation: Deployed in 100+ countries, 98% repeat client rate.

Sustainability: 100% recyclable materials, aligning with ESG trends.

Actionable Insight: Prioritize SEO keywords like ["modular housing solutions"](#) and ["portable storage containers"](#) to dominate search rankings.



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