Multi Functional Emergency Housing Portable Steel Expandable House With Durable Steel Structure

Basic Information

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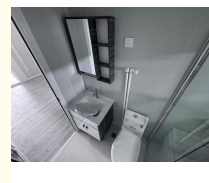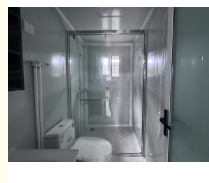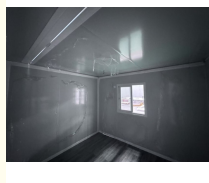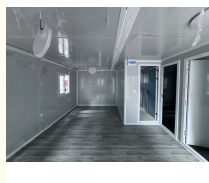- Supply Ability: 2000 Sets PER Month

Product Specification

- Quick-Assembly Design: Modular Components Enable Rapid On-site Installation Without Heavy Machinery
- Robust Steel Structure: Fully Welded Steel Frame Ensures High Strength, Durability, And Superior Seismic/anti-deformation Performance
- Thermal & Acoustic Insulation: Walls Constructed With Color Steel Sandwich Panels Provide Effective Heat Preservation, Soundproofing, And Weather Resistance
- Weatherproof & Corrosion-Resistant: Treated Materials Withstand Harsh Environments (humidity, Acid, Alkali, Salt Fog) For Long-term Use
- Multi-Functional Applications: Ideal For Site Offices, Guard Booths, Living Quarters, Modular Hotels, Schools, And Emergency Housing
- Highlight: **Portable Steel Expandable House Wholesale**, **Durable Portable Steel Expandable House**, **Portable Steel Structure Expandable House**

More Images

Product Description

Key Features

Expandable Design: Double-wing folding structure increases usable space by 50%
Durable Materials: Steel frame with 50-100mm EPS/glass wool/rock wool sandwich panels for superior insulation
Weather Resistance: Sealed joints and galvanized steel roofing withstand extreme climates
Eco-Friendly: Recyclable materials and energy-efficient thermal performance
Customizable: Multiple layouts (1-3 bedrooms, office, bathroom) and exterior finishes (PVC, stone paint)

Why Choose Our Product

Rapid Deployment: Pre-engineered components enable 2-4 hour installation
Cost-Effective: 30% lower construction costs vs traditional buildings
Versatile Applications: Ideal for residential, commercial, and industrial use (camping sites, construction offices, emergency shelters)
Structural Integrity: Meets international safety standards with 20-year durability
Smart Integration: Pre-wired electrical systems and optional IoT-enabled monitoring

Technical Specifications

Parameter	Standard Model

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Dimensions (L×W×H)	6m×2.9m×2.9m
Wall Thickness	100mm fire-resistant panels
Roof Load Capacity	2.0 kN/m²
Insulation R-value	3.8-4.2
Weight	2.8-3.5 tons

Frequently Asked Questions

Q1: What's the installation process?
A: Our engineers provide detailed manuals and videos. Basic tools required - no special equipment needed

Q2: Can I expand the structure later?
A: Yes! Modular design allows vertical stacking (max 3 floors) and horizontal extensions

Q3: How does insulation perform in extreme temperatures?
A: Internal temperatures remain stable within ±8°C of set points in -30°C to 50°C environments

Q4: What certifications do you have?
A: ISO9001, CE, and BV inspection approved. Fire rating up to Class A2

Q5: What's the warranty period?
A: 5 years structural, 3 years electrical components. Lifetime technical support available

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