XH XINHENG INTEGRATED HOUSING

Prefab houses that ship like containers.

Double-wing expandable houses, container cabins and site offices — manufactured in Botou, Hebei, and delivered with a loading plan.



37 m²
from a 20ft footprint

2 h
on-site setup

2 units
per 40HQ container

MOQ 1
unit, custom built

20ft Double-Wing Expandable House

37 m² living space from a 20ft container footprint



EXPANDED AREA	CLOSED SIZE	LAYOUT
37 m²	**5900 × 2200 × 2480 mm**	**2 bedrooms + living + bath**
LOADING	INSTALLATION	LEAD TIME
2 units per 40HQ	**4 workers, 2 hours**	**15–20 days**

TECHNICAL SPECIFICATIONS

Expanded dimensions	**5900 × 6300 × 2480 mm**
Frame	**Galvanised steel, 2.5 mm, welded**
Wall panel	**50 mm EPS sandwich (rock wool / PU optional)**
Roof	**50 mm corrugated sandwich, 1:20 slope**
Floor	**18 mm cement board + PVC or laminate**
Electrics	**Pre-wired, distribution board, LED, sockets, AC sleeve**
Plumbing	**Pre-installed bathroom, PPR pipes, floor drain**
Wind / snow load	**0.6 kN/m² / 0.5 kN/m²**
Fire rating	**B1 (C) — GB 8624-2012, EPS core**
Lifespan	**20+ years**

WHAT SHIPS WITH THE UNIT

- Wings open on steel tracks: four people, two hours, no crane and no welding on site.
- Ships 90% finished — bathroom, wiring and flooring are done in our workshop.
- Panel thickness can be raised to 75 mm with rock wool for cold climates.
- Optional solar pre-wiring and 48 V DC circuit for off-grid camps.

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40ft Double-Wing Expandable House

74 m² for canteens, clinics and site offices



EXPANDED AREA	CLOSED SIZE	LAYOUT
74 m²	**11800 × 2200 × 2480 mm**	**Open plan, partitions on site**
LOADING	INSTALLATION	LEAD TIME
1 unit per 40HQ	**6 workers, 3 hours**	**20–25 days**

TECHNICAL SPECIFICATIONS

Expanded dimensions	**11800 × 6300 × 2480 mm**
Frame	**Galvanised steel, 3.0 mm, welded**
Wall panel	**75 mm EPS sandwich (rock wool optional)**
Roof	**75 mm corrugated sandwich, 1:20 slope**
Floor	**18 mm cement board + vinyl**
Electrics	**3-phase ready, 40 A board, emergency lighting**
Plumbing	**Kitchen and bathroom rough-in**
Wind / snow load	**0.65 kN/m² / 0.6 kN/m²**
Fire rating	**B1 (C) — GB 8624-2012**
Lifespan	**20+ years**

WHAT SHIPS WITH THE UNIT

- Open span with no internal columns — partitions can be placed to your drawing.
- 3-phase power ready for kitchen or medical equipment.
- Double glazed windows optional for hot desert climates.

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20ft Standard Container House

Wood-grain finish, walk-in ready



FLOOR AREA	EXTERNAL SIZE	LOADING
18 m²	**5800 × 2480 × 2560 mm**	**4 units per 40HQ**
INSULATION	MOQ	LEAD TIME
50 mm EPS sandwich	**1 unit**	**15–20 days**

TECHNICAL SPECIFICATIONS

Frame	**Galvanised steel, 2.5 mm, welded**
Wall panel	**50 mm EPS sandwich, wood-grain film**
Roof	**50 mm corrugated sandwich, 1:20 slope**
Floor	**18 mm cement board + PVC**
Windows / door	**Aluminium sliding window, steel door**
Electrics	**Pre-wired, LED, sockets, breaker**
Wind load	**0.5 kN/m²**
Lifespan	**15–20 years**

WHAT SHIPS WITH THE UNIT

- Arrives finished: walls, floor, wiring and lights are installed before shipping.
- Four units fit in one 40HQ — the lowest freight per unit of any model we build.
- Wood-grain, grey or white panel finish; your logo can be printed on the wall.

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Two-Storey Office Container

Site office with balcony and external stair



TOTAL AREA	PER FLOOR	ACCESS
36 m²	5800 × 2480 × 2560 mm	External steel stair + balcony
LOADING	**ASSEMBLY**	**LEAD TIME**
2 sets per 40HQ	Bolted, 2 days	20–25 days

TECHNICAL SPECIFICATIONS

Frame	**Galvanised steel, 3.0 mm, welded**
Wall panel	**75 mm rock wool sandwich**
Floor	**18 mm cement board + vinyl**
Stair	**Hot-dip galvanised steel, 1.1 m handrail**
Electrics	**Two distribution boards, separate circuits per floor**
Wind load	**0.6 kN/m²**
Lifespan	**20+ years**

WHAT SHIPS WITH THE UNIT

- Stacked and bolted on site — no welding, no crane above the first lift.
- Separate electrical circuits per floor, so the office and the dormitory can be metered apart.
- Optional awning and air-conditioning brackets are pre-fitted in the workshop.

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Why buyers work with us

Factory-direct from Botou, Hebei — steel frames, sandwich panels and electrics prepared in-house.



FACTORY

Dongdoutun Village, Xixindian Township, Botou City,
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Established 2023 · USCC 91130929MAC7G1E71J

CONTACT

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DOCUMENTS

ISO 9001 | ISO 14001 | ISO 45001

CPR / EN 1090-1

Steel mill certificates, panel test reports, loading drawing and installation manual provided with every shipment.

WHAT WE BUILD

Any steel-framed cabin: expandable houses 3–12 m, container cabins, two-storey offices, canteens, clinics, guard rooms. Layout, insulation and finish to your drawing. MOQ one unit.