

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 37 m²	CLOSED SIZE 5900 × 2200 × 2480 mm	LAYOUT 2 bedrooms + living + bath
LOADING 2 units per 40HQ	INSTALLATION 4 workers, 2 hours	LEAD TIME 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	A2 (rock wool 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.

40ft Double-Wing Expandable House

74 m² for canteens, clinics and site offices



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

TECHNICAL SPECIFICATIONS

Expanded dimensions	11800 × 6300 × 2480 mm
Frame	Galvanised steel, 3.0 mm, welded
Wall panel	75 mm rock wool sandwich
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	A2 rock wool core
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.

20ft Standard Container House

Wood-grain finish, walk-in ready



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

Two-Storey Office Container

Site office with balcony and external stair



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

Why buyers work with us

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



FACTORY

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CERTIFICATIONS

CE

ISO 9001

SGS

A2 Fire Rating

CE declaration, ISO 9001, panel fire test report, 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.