SINO WORLD

# DOUBLE-WING

## EXPANDABLE CONTAINER HOUSE

Static footprint small, expanded space large; full container telescoping freely, flexible space expansion.

Installation finished within 15 minutes, low transportation & installation cost, easy for repeated turnover.

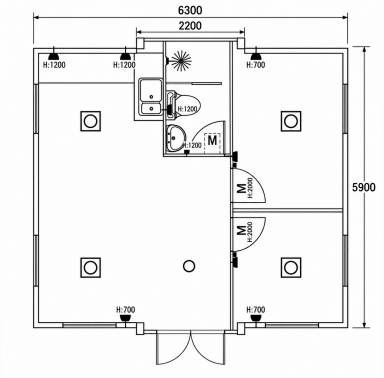


**SinoWorld Building System Co., Ltd.**
https://www.swbuildingsystem.com/

# WHAT IS A
## DOUBLE-WING EXPANDABLE CONTAINER HOUSE

**Double-wing expandable container house is a fully prefabricated housing solution. Based on a container-style main structure, it adopts a double-wing expandable design. Unfolding the double wings greatly enlarges the interior space without increasing the overall transport dimensions or weight, meeting diverse demands for residential, office and commercial applications.**

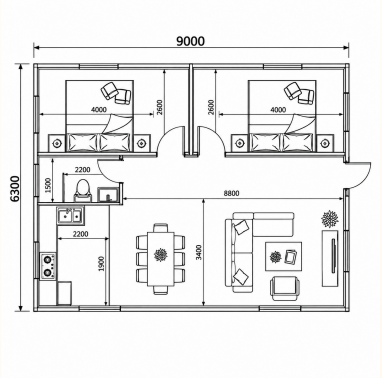
Expandable container houses redefine space through retraction & expansion. Collapsing to near-standard container size for easy, low-cost legal transport. Unfolding side/end wings enlarge usable area 1.8–2.5 times, offering flexible layouts including multi-room units, terraces and double bays. It fixes foldable containers' space and high-cost pain points. Ideal for high-end homestays, mobile commerce and emergency command with compact footprint yet spacious, durable living space.




### 20ft Double-Wing Expandable Container House

Unfolded Area：
L5900*W6300*H2480MM

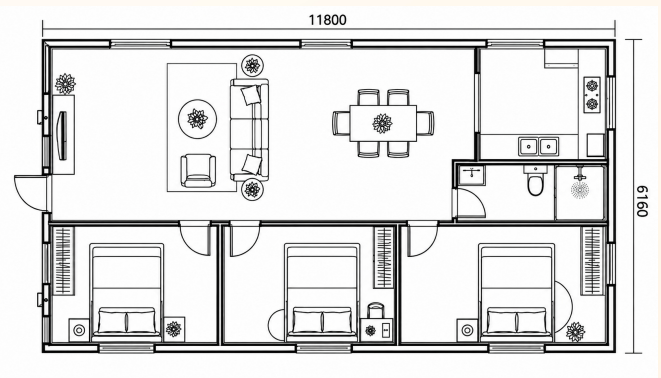
Container Loading Area：
L5900*W2270*H2480MM




### 30ft Double-Wing Expandable Container House

Unfolded Area：
L9000*W6300*H2480MM

Container Loading Area：
L9000*W2270*H2480MM

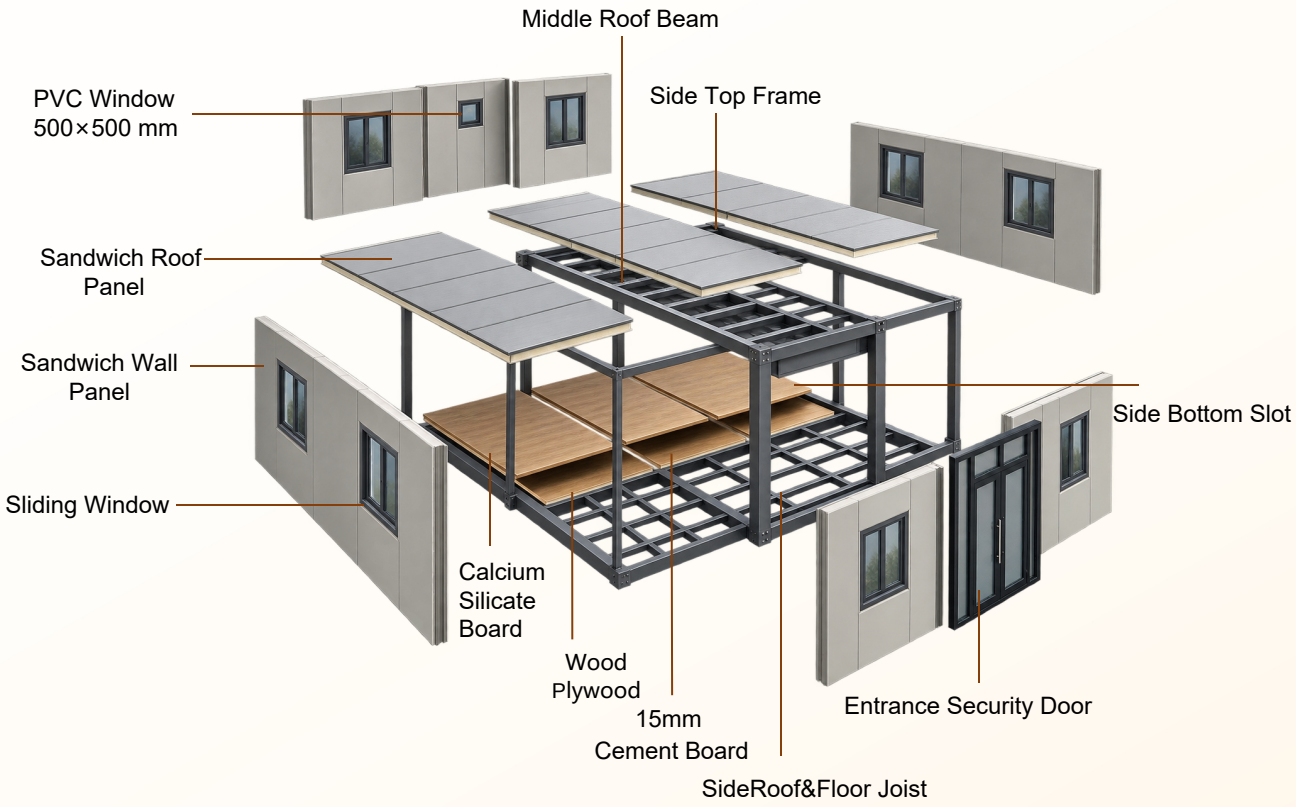



### 40ft Double-Wing Expandable Container House

Unfolded Area：
L11800*W6160*H2490MM

Container Loading Area：
L11800*W2150*H2490MM

# DOUBLE-WING EXPANDABLE CONTAINER HOUSE
## STRUCTURE & SPECIFICATIONS




## COMMON SPECIFICATION TABLE

| | | | |
|---|---|---|---|
| **Basic Features** | 20FT Unfolded Dimension | L5900*W6300*H2480mm | 38.2 ㎡ |
| | 30FT Unfolded Dimension | L9900*W6300*H2480mm | 58.3㎡ |
| | 40FT Unfolded Dimension | L11800*W6160*H2480mm | 76.4㎡ |
| **Main Steel Frame** | | Q235 Galvanized Steel, Thickness 2.5 / 3.0 mm | |
| **Frame Overall Protective Coating** | | Electrostatic Spraying / Powder Coating | |
| **Wall Panel** | External Wall | Standard 75mm EPS Sandwich Panel (Rock Wool Upgrade Available) | |
| | Partition Wall | 50mm EPS Sandwich Panel (Rock Wool Upgrade Available) | |
| **Roof** | External Roof Surface | 0.35mm Corrugated Color Steel Sheet | |
| | Insulation Layer | 50mm EPS Sandwich Panel | |
| | Internal Ceiling | Type 200 Decorative Ceiling | |
| **Floor** | Main Frame Floor | 18mm Cement Fiber Board | |
| | Double-wing Floor | 18mm Thick Bamboo Plywood | |
| | Floor Finishing | 1.6mm PVC Vinyl Flooring | |
| **Door** | | Aluminum Alloy Sliding Door | |
| **Window** | | Alloy Frame, Insulated Tempered Glass | |
| **Electrical System** | | Standard National Standard Cables, Circuit Breaker System, LED Ceiling Lights, Sockets | |
| **Bathroom** | | 1 set Toilet, 1 set Cabinet Wash Basin, 1 set Stainless Steel Shower Head, 1 set Exhaust Fan, 1 set Drainage Kit | |
| **Accessories** | | Top Capping Profiles, Skirting Profiles, Corner Protectors, Waterproof Tape, Lifting Lugs, Structural Adhesive, Sealant | |

# INTERIOR LAYOUT & FINISHING

## Standard Layout

- Office
- 1 Bedroom 1 Living Room
- Homestay Suite
- Multi-bed Dormitory

## Internal Facilities

- Lighting System
- Switches & Sockets
- Air Conditioning Position
- Water Supply & Drainage
- Bathroom / Shower
- Ceiling & Skirting Board
- Reserved Space for Wardrobe, Desk and Chair



**OPTION 1**
1 Bedroom, 1 Bathroom, 1 Kitchen



**OPTION 2**
4 Bedrooms, 1 Bathroom



**OPTION 3**
2 Bedrooms, 1 Bathroom, 1 Kitchen



**OPTION 4**
3 Bedrooms, 1 Bathroom, 1 Kitchen



**OPTION 5**
3 Bedrooms, 2 Bathrooms, 1 Kitchen



**OPTION 6**
4 Bedrooms, 2 Bathrooms, 1 Kitchen

We offer a variety of layout plans for 20ft, 30ft and 40ft tiny homes. Customization is available for any of your design ideas. Feel free to contact us for inquiries and discussions.

DOUBLE-WING EXPANDABLE CONTAINER HOUSE

# INSTALLATION

## Rapid Deployment | Flexible Expansion | Instant Use

Innovative double-wing expandable structure. Simply unfold to convert the transport container into acomplete living building.

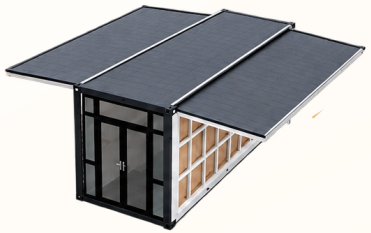
1



### Folded Transport Shape

Folded & compact design saves loading space,greatly cutting long-distance transportation costs.

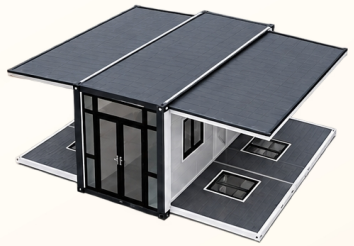
2



### Double-wing Unfolding

Side wing sextend outwards to quickly double the building area.

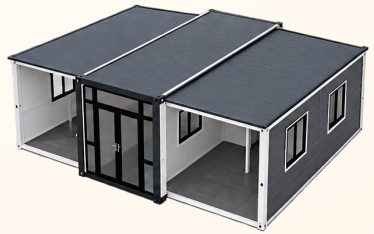
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### Top&Bottom Structure Unfolding

Simultaneous expansion of top and bottom forms a complete building frame rapidly.

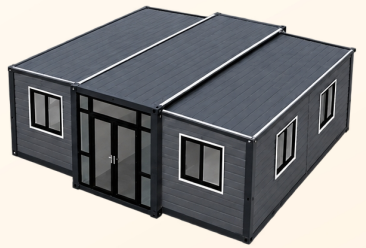
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### Structure Fixing& Adjustment

Fasteners lock and reinforce the unit to ensure overall structural safety and stability.

5



### Unfolding Completed& Ready for Use

Pre-reserved water & electric interfaces,ready for occupation right after deployment.

**Application Scenarios:** Construction Camp | Cultural Tourism Homestay | Temporary Office | Post-disaster Accommodation | Rural Auxiliary Building

# PRODUCTION AND TRANSPORATION OF
## DOUBLE-WING EXPANDABLE CONTAINER HOUSE

### Standardized Production Process

From raw material processing to finished product delivery, every production step is under strict control to ensure stable product quality and reliable performance.



### Transportation & Rapid Delivery

From product packaging, loading & transportation to on-site installation, standardized process management is implemented to guarantee smooth delivery and rapid deployment, providing stable and reliable service support for customers.



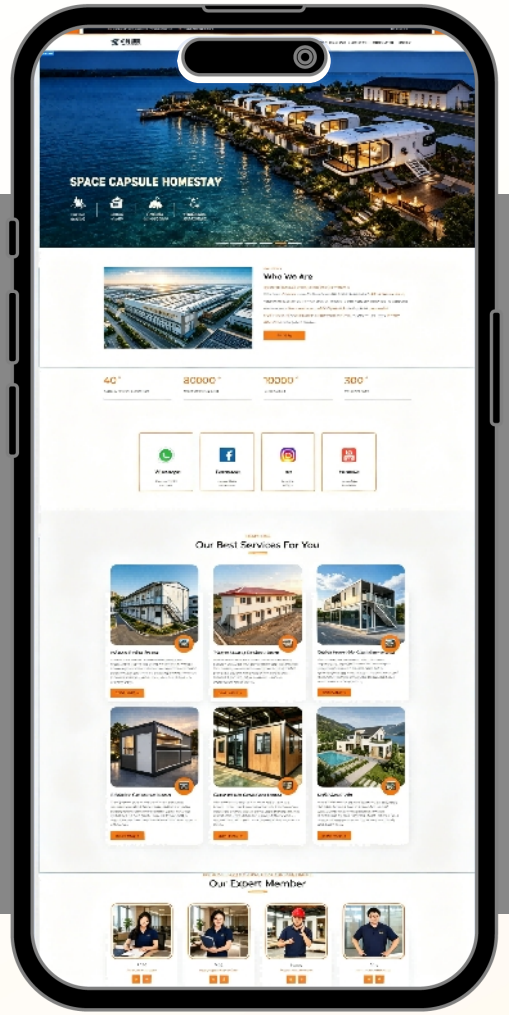
# PARTIAL PROJECT CASES

Withover 1000 completed projects, we deliver proven-expert custom design services. Covering project nalysis, concept sketches, detailed drawing refinement, plus integrated interior& landscape design, we tailor-make solutions for you.



# OUR COMPANY WEBSITE

https://www.swbuildingsystem.com/




## INS

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## TikTok

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SINO WORLD

## CORPORATE VISION

Redefining architectural boundaries to connect the world through intelligent construction. We create diverse value exceeding expectations for global customers through exceptional quality and innovative technology.

## STRATEGIC OBJECTIVES

Rooted in China, manufacturing globally. We aim to become a benchmark enterprise in the field of intelligent building industrialization and the most trusted one-stop strategic partner for global customers.

## STYLE OF WORKING

Daring to lead, committed to mission.We honor professionalism with utmost rigor, break new ground with unremitting innovation, and build a world-class brand through hard work and dedication.




# THANK YOU ！

Looking ahead, SW BUILDING SYSTEM will continue to ride the wind and waves, leading the industry forward! We are accelerating the integration of construction industrialization and smart technologies, bringing high-standard, premium 'Smart Manufacturing from China' to the global stage. Let us move forward with the world and co-create a new era of intelligent construction!