



INTEGRITY, INNOVATION, AND WIN-WIN DEVELOPMENT
Survival based on quality and development based on reputation



Company Introduction

01 Company Profile

02 Expandable folding Container House

03 Space Capsule

04 Apple Cabin

05 Folding Container House

06 Folding Garage

07 Quick Consolidation Container House



CONTENTS

01 Company Profile

About Us

BIT2KICK specializes in the commercialization and distribution of high-quality modular homes and prefabricated building solutions. Working with carefully selected international manufacturing partners, we provide innovative, reliable, and efficient solutions tailored to the needs of residential, commercial, and industrial projects.

A BIT2KICK disponibiliza soluções de habitação modular e edifícios pré-fabricados de elevada qualidade através de parceiros industriais internacionais cuidadosamente selecionados. Estamos empenhados em fornecer soluções inovadoras, eficientes e fiáveis, adaptadas às necessidades de projetos residenciais, comerciais, hoteleiros e industriais em toda a Europa.

BIT2KICK offers a comprehensive portfolio of modular homes and prefabricated building solutions, including expandable container homes, foldable container homes, modular cabins, space capsule units, and customized modular structures. Through carefully selected international manufacturing partners, we deliver innovative, high-quality, and flexible solutions designed to meet the requirements of residential, commercial, hospitality, industrial, and public sector projects. Our commitment is to provide safe, sustainable, energy-efficient, and modern buildings that combine functionality, comfort, and long-term value.

BIT2KICK partners with leading international manufacturers to deliver premium modular building solutions across Europe. We provide innovative, high-quality products, dependable delivery, and tailored solutions for residential, commercial, hospitality, and industrial projects.



01 Company Profile

Enterprise spirit

BIT2KICK is committed to the highest standards of quality, innovation, and professionalism. We let our results speak for themselves.

Premium Quality

Expert Team

Reliable Delivery

Professional Service



01 Company Profile

Our Factory

BIT2KICK delivers premium modular building solutions through trusted international manufacturing partners. Combining innovative design with proven expertise, we provide flexible, reliable, and sustainable solutions for every project.

BIT2KICK continuously strengthens its international supply network to ensure consistent quality, reliable delivery, and tailored modular solutions across Europe.

- ✓ **Premium Certified Materials**
- ✓ **Tailor-Made Solutions**
- ✓ **100% Quality Inspected**
- ✓ **Fast & Reliable Delivery**



01 Company Profile

Cooperative enterprises



01 Company Profile

Company Qualifications



Certificate of Honor



Certificate



Research Report

编号: EJL2021.1

河北逸航新诺集成房屋有限公司
研究开发立项报告

项目名称: 新型装配式建筑的研究
负责人: 董月正
日期: 2021年01月01日

编号: EJL2021.1

河北逸航新诺集成房屋有限公司
研究开发立项报告

项目名称: 新型装配式建筑的研究
负责人: 董月正
日期: 2021年01月01日

编号: EJL2021.1

河北逸航新诺集成房屋有限公司
研究开发立项报告

项目名称: 新型装配式建筑的研究
负责人: 董月正
日期: 2021年01月01日

01 Company Profile

Patent certificate



01 Company Profile

SAA Certificate

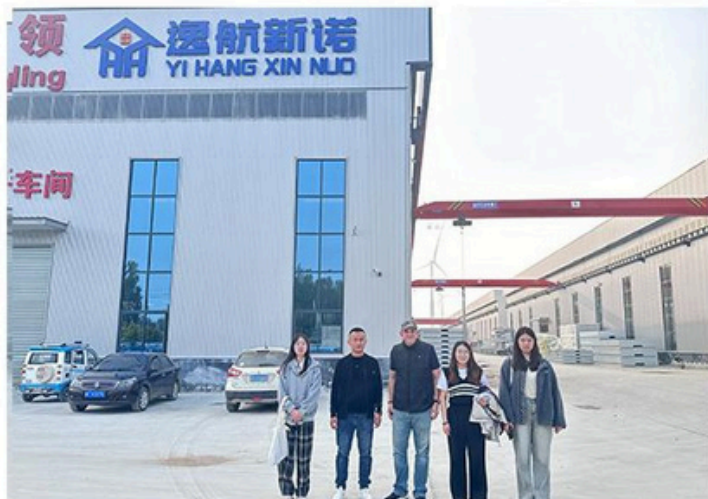


Test report



01 Company Profile

Sales Team



01 Company Profile

Store reviews

OUR CLIENTS, OUR BEST TESTIMONIALS

Real experiences. Real satisfaction.

★★★★★

The equipment quality exceeded our expectations. Highly reliable and efficient!"

– John D.
Laundry Business Owner, UK

★★★★★

Excellent service and professional support throughout the entire process. Highly recommended!"

– Maria S.
Hotel Manager, Spain

★★★★★

The modular houses are well-built, easy to install and very cost-effective. Great experience!"

– Li Wei
Construction Company, Portugal

★★★★★

Fast delivery, great communication and outstanding quality. We will work together again!"

– Anna K.
Distributor, Germany

★★★★★

Professional team, high-quality products and competitive prices. Very satisfied!"

– David M.
Business Owner, France

★★★★★

Reliable partner with great solutions. Their support makes a big difference to our projects."

– Paulo R.
Engineering Contractor, Italy

”

TRUSTED BY CLIENTS
AROUND THE WORLD

🌐

02 Expandable folding Container House

size



Small 20FT

open size:

L5900*W4800*H2480mm

folding size:

L5900*W700*H2480mm

Internal dimensions:

L5640*W4640*H2240mm



10FT

open size:

L2950*W6300*H2480mm

folding size:

L2950*W2200*H2480mm

Internal dimensions:

L2510*W6140*H2240



20FT

open size:

L5900*W6300*H2480mm

folding size:

L5900*W2200*H2480mm

Internal dimensions:

L5740*W6140*H2200



30FT

open size:

L9000*W6300*H2480mm

folding size:

L9000*W2200*H2480mm

Internal dimensions:

L8840*W6140*H2240



40FT

open size:

L11800*W6300*H2480mm

folding size:

L11800*W2200*H2480mm

Internal dimensions:

L11460*W6140*H2240

Building area: 27.5m²

transport

:

A 40ft high cube container can ship 6 sets

Building area: 18.5m²

transport

:

A 40ft high cube container can ship 4 sets

Building area: 37m²

transport

:

A 40ft high cube container can ship 2 sets

Building area: 57m²

transport

:

A 40ft high cube container can ship 1 set

Building area: 74m²

transport

:

A 40ft high cube container can ship 1 set

02 Expandable folding Container House

Product Attributes

External galvanized steel structure, wall panel thickness 65 mm EPS sandwich panel, partition 50 mm EPS sandwich panel, deadweight over 2 tons

Wind resistance: Our standard houses can withstand winds of level 10, 90-110 km/hour. If the wind is stronger, the exterior of the house can be designed in a corrugated style, which will be more wind-resistant.

Rainproof: Our houses are waterproof, with waterproof strips at the folds, and we have done waterproof tests. You can add a Herringbone roof, which will be more waterproof

Extreme cold: Our houses can be used in environments ranging from -20 degrees Celsius to 40 degrees Celsius. Air conditioning can be installed, and graphene floor heating can be added under the floor. The wall panels can be thickened to 100 mm, and the insulation material can be replaced with PU material.

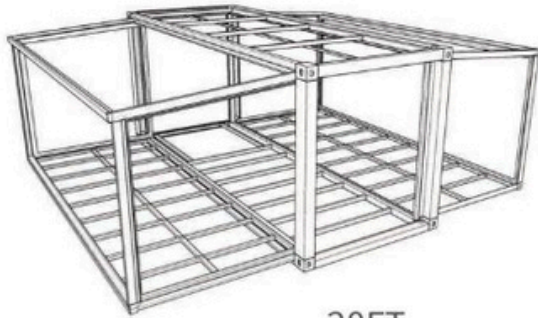
Fireproof: Rockwool material fireproof A. EPS fireproof B

Earthquake resistance: 10

Expandable container house has super convenient features: after completion of lifting, directly move from one place to another

02 Expandable folding Container House

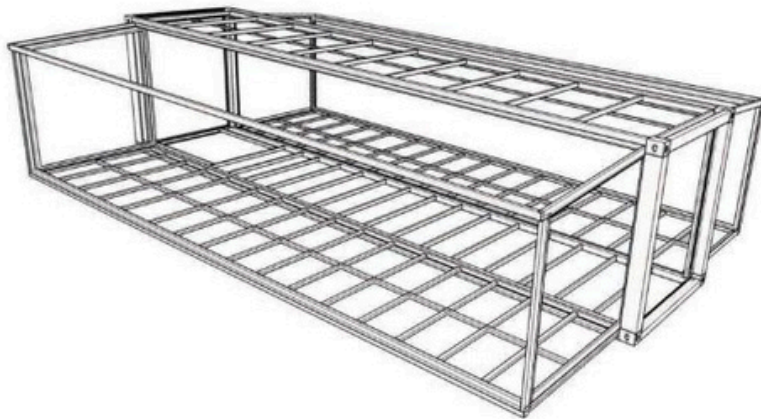
Framework



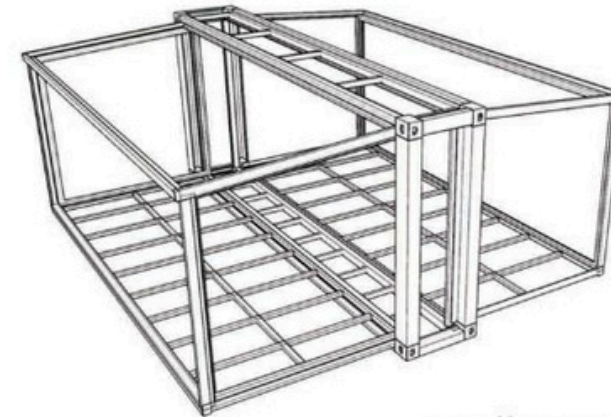
20FT



30FT



40FT



Small 20FT

02 Expandable folding Container House

Layout



20 FEET, 1 BEDROOM



40 FEET, 3 BEDROOMS



20 FEET, 2 BEDROOM



20 FEET, 3 BEDROOMS



40 FEET, 4 BEDROOMS

02 Expandable folding Container House

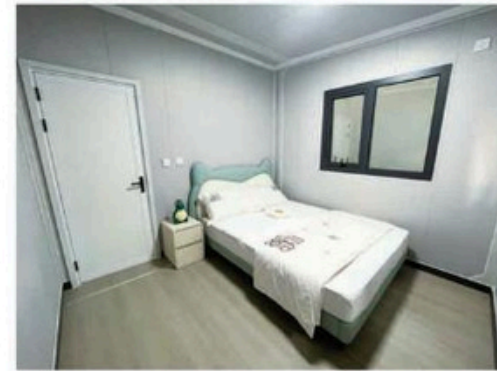
Interior Space



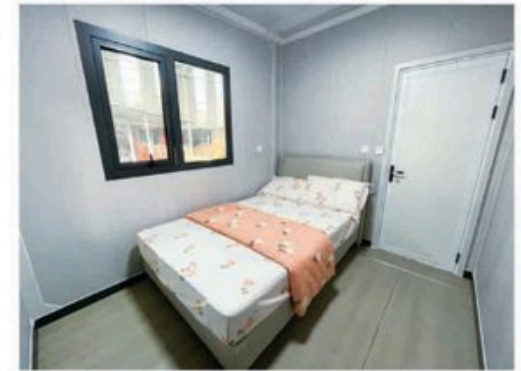
ONE BEDROOM, TWO LIVING ROOMS



TWO BEDROOMS, TWO LIVING ROOMS



TWO BEDROOMS, TWO LIVING ROOMS (MASTER BEDROOM)



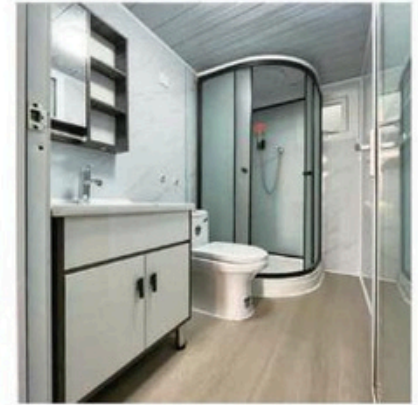
TWO BEDROOMS, TWO LIVING ROOMS (SIDE BEDROOM)



KITCHEN LAYOUT



BATHROOM



02 Expandable folding Container House

Product parameters

Small 20 FT		
Basic characteristics	Expanded dimension (mm)	5800*660*2480
	Folding size (mm)	5800*4800*2480
	Total mass (kg)	1.8
Frame structure	Middle top beam	T2.0mm thick, Q235B galvanized rectangular pipe
	Midssole beam	T3.0mm thick, Q235B profile
	End side member	T1.5mm thick, Q235B galvanized rectangular pipe
	Center pillar	T1.5mm thick, Q235B galvanized rectangular pipe
	Sidewall framing	T1.5mm thick, Q235B galvanized rectangular pipe
	Sub-framework	T1.5mm thick, Q235B galvanized rectangular pipe
	Hanging head	T5mm thick, Q235B shaped corner piece
	Fold the hinge	40mm long galvanized hinge
	Integral frame protective coating	Electrostatic spraying
Box top	Exterior roof	50mm thick EPS flame retardant sheet
	Side roof	50mm thick EPS flame retardant sheet
	Interior ceiling	Type V200 interior ceiling
Wallboard	External wall panels	T65mm thick EPS flame retardant board
	Internal wall panels	T50mm thick EPS flame retardant plate
Floor	Middle floor	Glass magnesium floor 18 mm thick
	Side floor	Bamboo and wood floor 18 mm thick
	Plastic floor	The whole house is paved with 1.6mm thick plastic floor, which is fireproof, waterproof and wear-resistant.
Electrical system	Electrical wiring shall be installed in strict accordance with moisture-proof specifications, and all electrical products shall comply with CE certification. Connect the circuit according to the circuit engineering specification. Indoor: 6 ceiling lamps, 6 six-hole single-opening sockets, 5 single-opening sockets, 3 air conditioning sockets and 1 63 A leakage protector. Voltage 220V, 50HZ	
Entrance door	Broken bridge glass door	
Interior door		
Toilet door		
Window	Broken bridge frame, double-layer tempered glass with open fan	
Cupboard		
Bathroom		

Transport:
A 40ft high cube container can ship 6 sets



02 Expandable folding Container House

Product parameters

20 FT		
Basic feature	External dimensions(mm)	6300*5900*2480
	Internal dimensions(mm)	6140*5740*2240
	Folding state(mm)	2200*5900*2480
	Total mass (kg)	3.5t
Frame structure	Middle top beam	80*100*T3.0mmQ235B
	Middle bottom sill	80*100*T3.0mmQ235B
	End side beam	T2.0mmQ235BZ Bending parts
	B-pillar	150*210*T2.0mmQ235B
	Side wall frame	40*80*T1.5mmQ235B
	Side wall purlins	40*60*T1.5mmQ235B
	Bottom top purlin	40*80*T1.5mmQ235B
	Side top frame	40*80*T1.5mmQ235B
	Folding hinge	13mm Galvanize d hinge
	Overall frame coating	Electrostatic spray/Plain plastic powder
	Hanging head plate	T4mmQ235B
Roof	External top plate	T50mm flame retardant purification foam board
	Internal suspended ceiling	T193 Inner ceiling
Wallboard	Top insulation	t50mm flame retardant purification foam board
	Side wall, front and rear wall panels	t65mm flame retardant purification foam board
	Internal partition	T50mm flame retardant purification foam board
	Internal toilet	1800 length x 1400 width adjustment
Floor	Intermediate floor	Fireproof cement floor 18mm
	Side floor	18mm bamboo flooring
Electrical system	Electrical wiring is installed in strict accordance with moisture-proof specifications, and all electrical products must comply with CE certification. According to the circuit engineering specifications to connect the circuit, 2 indoor LED lights, 2 ceiling lights, 3 five hole single socket, 1 single open, 3 10 hole socket, 1 air conditioning socket, 1 20A leakage. The voltage is 220V,50HZ. Socket: Can be changed according to export country	
Common security door	1 Common security door 1970 *1970 (optional aluminum alloy door, broken bridge aluminum door)	
Window	4 Plastic steel single glass window push-pull(930*930) (optional aluminum alloy window, broken bridge aluminum window)	
Quality assurance	One Year Warranty (China)	

Transport:
A 40ft high cube container can ship 2 sets



02 Expandable folding Container House

30 FT		
Basic feature	External dimensions(mm)	9000*5900*2480
	Internal dimensions(mm)	8840*5740*2240
	Folding state(mm)	9000*2200*2480
	Total mass (kg)	About 6.0t
Frame structure	Middle top beam	80*140*T6.0mmQ235B
	Middle bottom sill	80*140*T6.0mmQ235B
	End side beam	T3.0mmQ235BZ Bending parts
	B-pillar	150*210*T3.0mmQ235B
	Side wall frame	40*80*T1.5mmQ235B
	Side wall purlins	40*60*T1.5mmQ235B
	Bottom top purlin	40*80*T1.5mmQ235B
	Side top frame	40*80*T1.5mmQ235B
	Folding hinge	13mm Galvanized hinges
	Overall frame coating	Electrostatic spray/Plain plastic powder
	Hanging head plate	T4.0mmQ235B
Roof	External top plate	T50mm Flame retardant purification foam board
	Internal suspended ceiling	T193 Inner ceiling
Wallboard	Top insulation	T50mm Flame retardant purification foam board
	Side walls, front and rear wall panels	T65mm Flame retardant purification foam board
	Internal partition	T50mm Flame retardant purification foam board
	Internal toilet	2500 Length*1400 Width Left and right adjustment
Floor	Intermediate floor	Fireproof cement floor 18mm
	Side Floor	Bamboo flooring 18mm
SPC (Stone plastic floor)	Indoor and internal toilets	PVC 2.0mm
Electrical system	Electrical wiring is installed in strict accordance with moisture-proof specifications, and all electrical products must comply with CE certification. Connect the circuit according to the circuit engineering specifications, indoor: LED lights, ceiling lights, five-hole single socket, single opening, 10-hole socket, air conditioning socket, 20A leakage protector. (The number of switch sockets can be determined according to customer requirements)Voltage 110V or 220V,50HZ	
Door	Broken bridge aluminum entrance door	
Window	8 broken bridge aluminum sliding windows (970*970)	
Bathroom	Toilet, wash basin, mirror cabinet, floor drain, ventilation window, upper and lower water pipes(110mm, 75mm, 50mm)	
Shower room	900mm*900mm Semi-circular tempered glass integrated bathroom	

Transport:
A 40ft high cube container can ship 1sets



02 Expandable folding Container House

40FT		
Basic feature	External dimensions(mm)	11800*6200*2480
	Internal dimensions(mm)	11460*6040*2240
	Folding state(mm)	11800*2200*2480
	Total mass (kg)	About 5.5t
Frame structure	Middle top beam	80*140*T6.0mmQ235B
	Middle bottom sill	80*140*T6.0mmQ235B
	End side beam	T2.0mmQ235B
	B-pillar	T2.0mmQ235B
	Side wall frame	t1.5mmQ235B
	Sub framework	t1.5mmQ235B
	Hanging head plate	T6.0mmQ235B
	Folding hinge	13mm Galvanized hinge
	Overall frame coating	Electrostatic spray/Plain plastic powder
	Middle cabinet top and bottom	80*140
	Side cabinet top and bottom	40*60*1.5 Thick square pipe
Roof	External top plate	T50mmEPS Insulation board
	Internal suspended ceiling	T193 Inner ceiling
Wallboard	Middle top insulation	T50mmEPS Insulation board
	Side walls, front and rear wall panels	T65mmEPS Insulation board
	Internal partition	T50mmEPS Insulation board
	Internal toilet	2500 Length*1400 Width Left and right
Floor	Intermediate floor	Fireproof cement fiber floor 18mm
	Side Floor	Bamboo flooring 18mm
Electrical system	Electrical wiring is installed in strict accordance with moisture-proof specifications, and all electrical products must comply with CE certification. Connect the circuit according to the circuit engineering specifications, indoor: LED lights, ceiling lights, five-hole single socket, single opening, 10-hole socket, air conditioning socket, 20A leakage protector. (The number of switch sockets can be determined according to customer requirements)Voltage 110V or 220V,50HZ	
Door	Broken bridge aluminum entrance door	
Windows	12 broken bridge aluminum sliding windows (970*970)	
Bathroom	Toilet,wash basin,storage cabinet,vanity mirror,bathroom titanium magnesium alloy glass door	
Shower room	Tempered glass door,showerhead,aluminum alloy center pillar,marble floor	

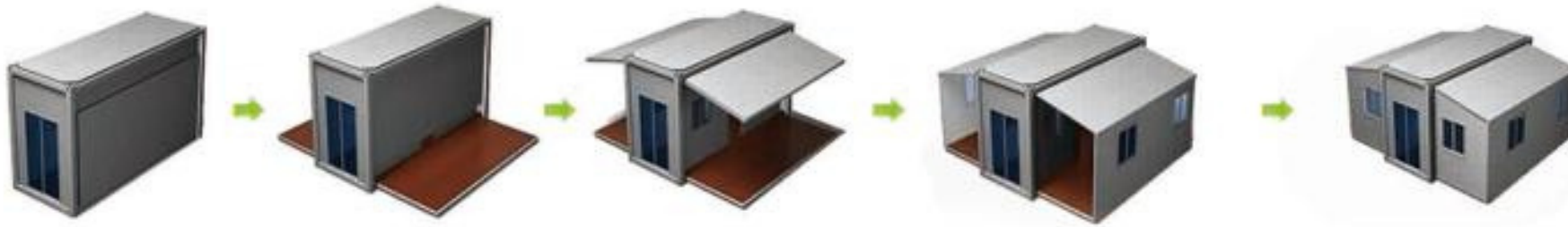
Transport:
A 40ft high cube container can ship 1sets



02 Expandable folding Container House

Quick installation:

3-5 people can complete it in 20 minutes There is a video tutorial for installation, and a crane and forklift are required.



Packing display:

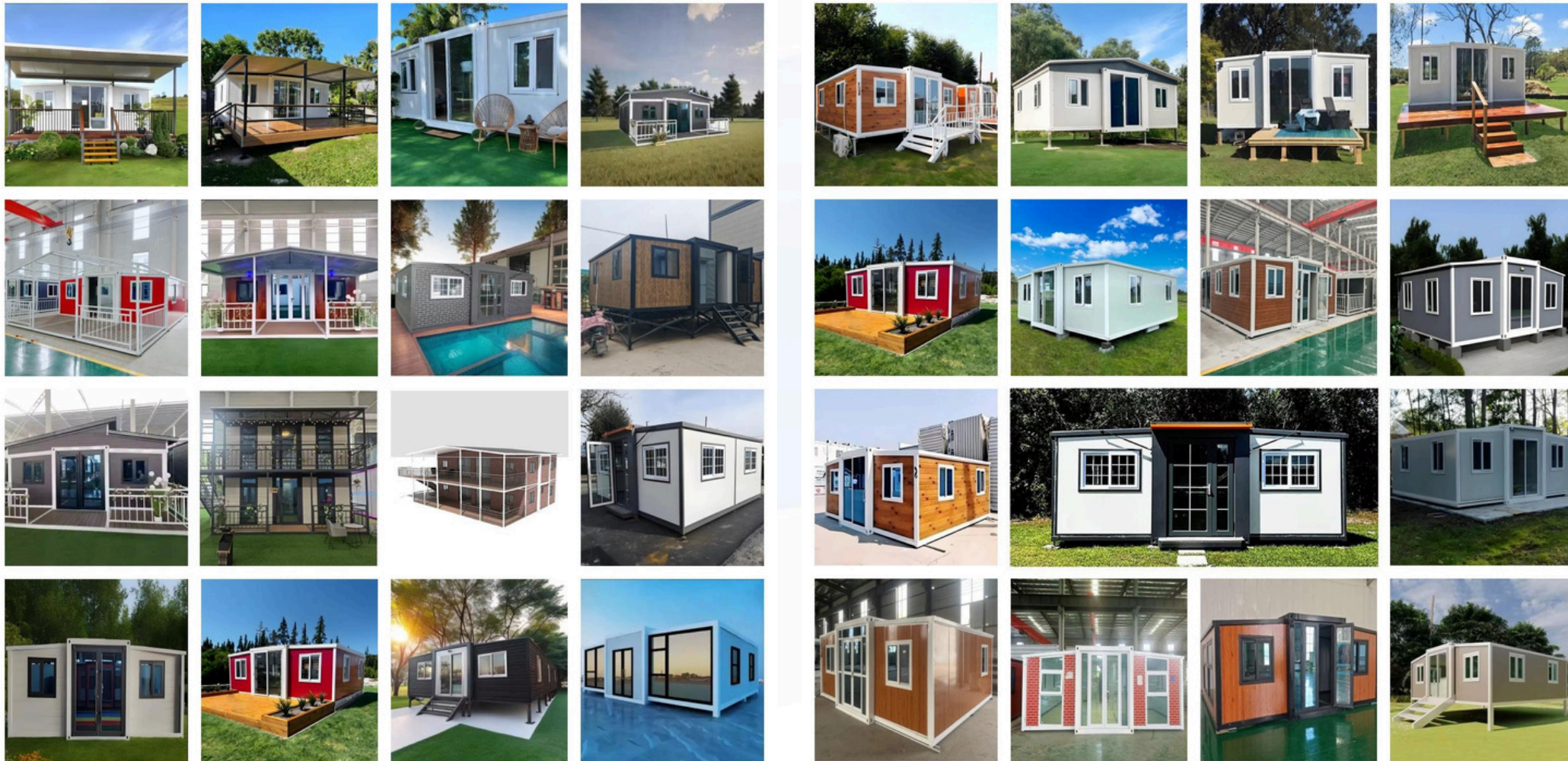


Unloading display:



02 Expandable folding Container House

House Show:



02 Expandable folding Container House

Export cases:



03 Space Capsule

Application scenarios:

Tourism & Cultural Facilities

Ideal for resorts and tourist destinations, offering elegant accommodation that blends seamlessly into natural surroundings while providing a premium guest experience with minimal environmental impact.

2. Camping & Glamping Sites

Perfect for campsites and glamping resorts, with accommodation units complemented by shared leisure, recreational, and support facilities.

3. Commercial Spaces

Ideal for cafés, restaurants, retail stores, pop-up shops, fitness studios, showrooms, and other commercial applications.

4. Offices & Public Facilities

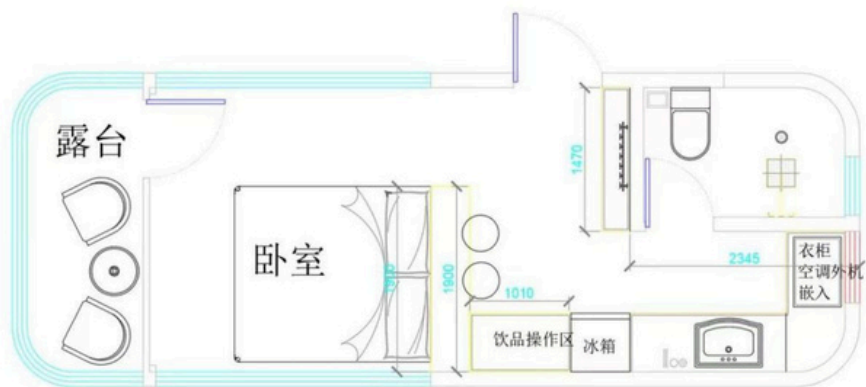
Suitable for temporary offices, site management, public service centres, healthcare units, and community facilities.



03 Space Capsule

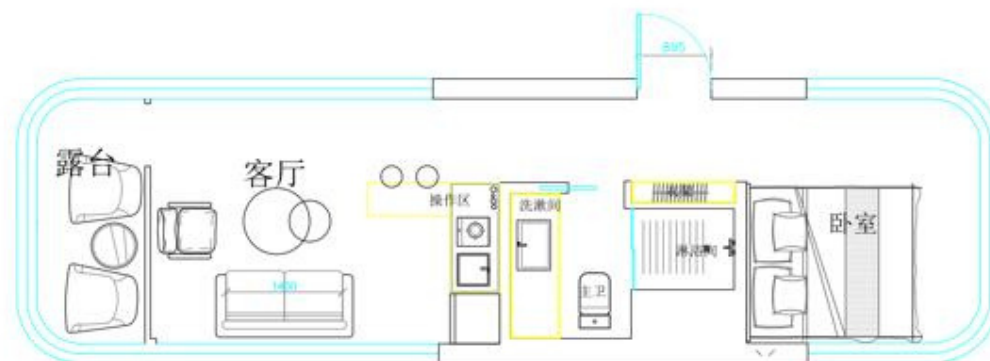
Size

8500 L × 3300W × 3200H(mm)



Use area : 27.2m²

11500L × 3300W × 3200H(mm)



Use area : 37.95m²

03 Space Capsule

Layout model



03 Space Capsule

Product Attributes

Peripheral systems

1. Hot-Dip Galvanized Steel Frame with Anti-Corrosion Protection
2. Cement Fiber Board Flooring System
3. Fluorocarbon-Coated Aluminum Exterior Cladding
4. High-Performance Thermal Insulation System
5. Custom Aluminum Entrance Door with Smart Lock
6. Panoramic Glass Curtain Wall
7. Premium Aluminum Doors & Windows
8. Panoramic Balcony
9. Outdoor Waterproof LED Lighting
10. Reinforced Steel Base Structure
11. Electric Skylight

Interior system

1. Premium Aluminum Ceiling with Bamboo Charcoal Panels
2. Premium Aluminum Wall System with Bamboo Charcoal Panels
3. Premium Solid Wood Flooring
4. Integrated LED Lighting System
5. Electric Curtain System
6. Custom Designer Bar

Configure the system

1. Dry & Wet Separation Bathroom
2. Premium Shower
3. Integrated Bathroom Heating System
4. Toilet with Silent Exhaust Fan
5. Smart LED Mirror
6. Designer Washbasin
7. Premium Stainless Steel Bathroom Accessories
8. Midea 1.5 HP Ducted Air Conditioner
9. Midea 60L Water Heater
10. ABB Electrical Distribution Panel
11. Complete Plumbing System
12. Electrical & Low-Voltage Network
13. Premium Furniture Package

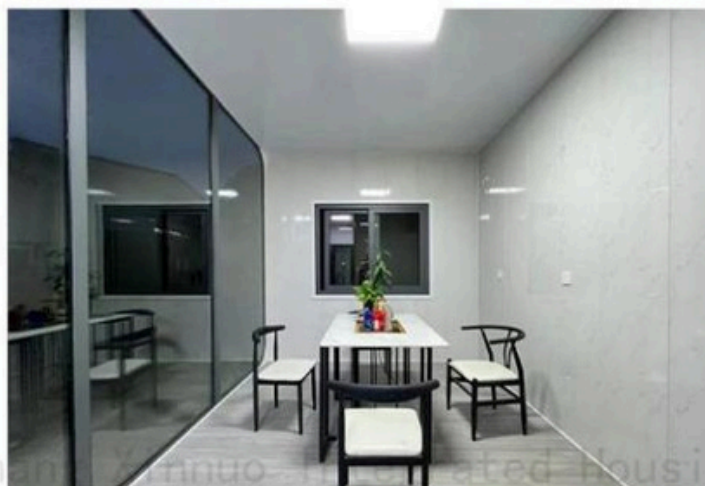
Intelligent system

1. Smart Gateway
2. Motorised Curtain System
3. Smart Home Control Interface
4. Smart Access Control
5. Integrated Appliance Control
6. Intelligent Automation Sensors
7. HVAC Control System
8. Smart Lighting System
9. Integrated Smart Home System
10. Key Card Power Management
11. Smoke Detection System
12. Integrated Network Distribution Cabinet
13. Central Touch Control Panel

03 Space Capsule

Interior system

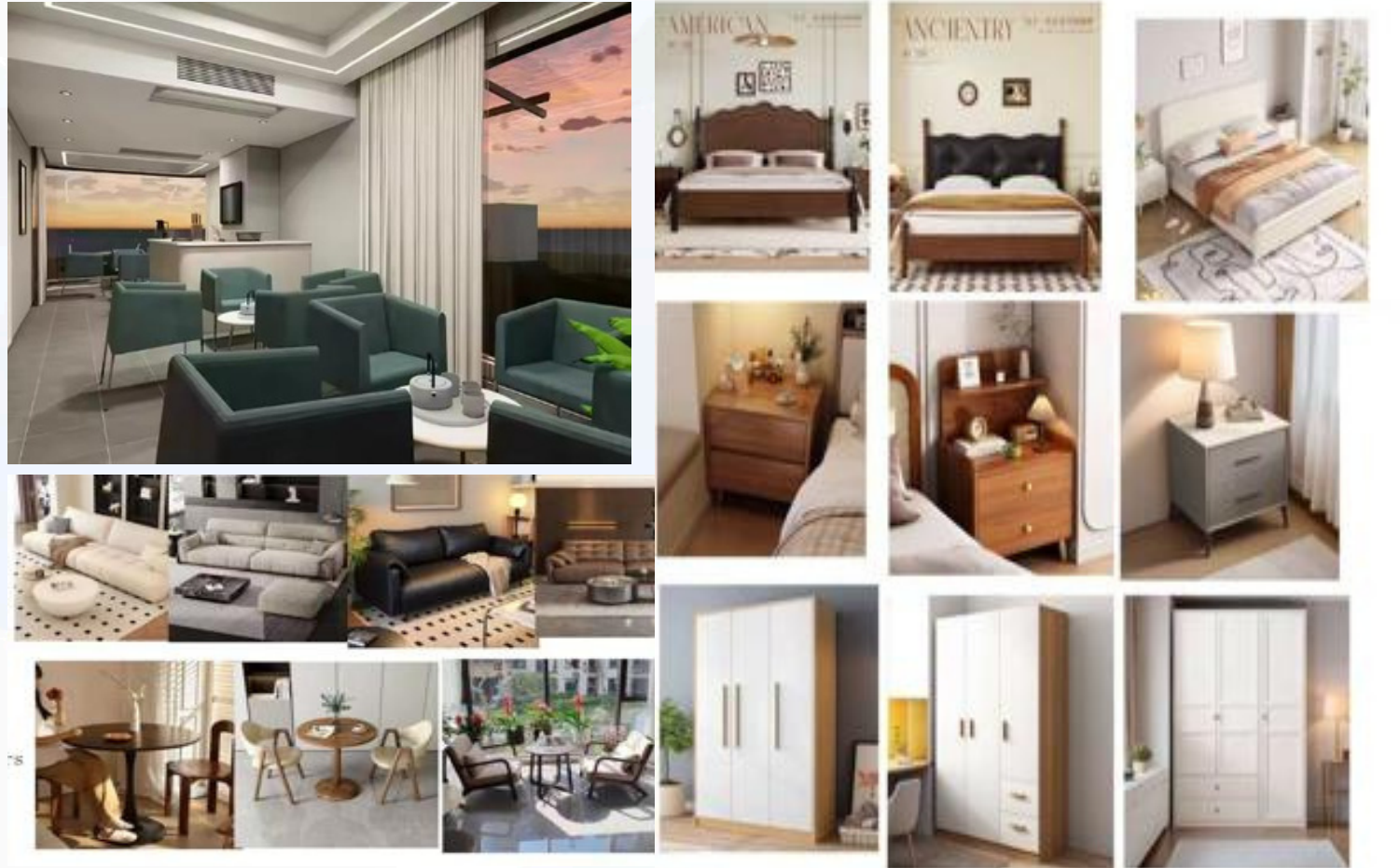
1. Spc floor 2. Ceiling 3. Decorative wooden wall 4. Indoor lighting effect (tube lamp + light strip)
5. Advanced custom bar counter 6. Curtain



03 Space Capsule

Customization

1. High-Definition Projector
2. Electric Underfloor Heating System
3. Premium Bed, Sofa & Wardrobe
4. Mini Refrigerator & Premium Curtains
5. Office Furniture & Bar Cabinet
6. Custom Interior Finishes
7. ...and many more optional upgrades.



03 Space Capsule

Transportation and installation

Each unit is delivered fully assembled and quality tested, ready for immediate installation at its final destination. Depending on the project location, transport is carried out using 40-foot containers for sea freight or flatbed trailers for road transport.



03 Space Capsule

Appearance



Scene display



Interior



04 Apple Cabin

Application scenarios:

1. Tourism & Cultural Facilities

Perfect for resorts and tourist destinations, offering elegant accommodation that blends seamlessly into natural surroundings while providing a premium guest experience with minimal environmental impact.

2. Camping & Glamping Sites

Designed for campsites and glamping resorts, with accommodation units complemented by leisure, recreational, and guest support facilities.

3. Commercial Spaces

Ideal for cafés, restaurants, retail stores, pop-up shops, fitness studios, showrooms, and a wide range of commercial applications.

4. Offices & Public Facilities

Suitable for temporary offices, site management, public service centres, healthcare units, educational facilities, and community infrastructure.



04 Apple Cabin

Size configuration:

Model 01 - Dimensions: 5.8 × 2.2 × 2.48 m Features

- Dry & Wet Separation Bathroom
- Motorised Curtain System
- Premium Flooring
- Interior Wall & Ceiling Finishes
- Complete Electrical & Plumbing Systems

Model 02 - Dimensions: 11.5 × 2.2 × 2.48 m Features

- Dry & Wet Separation Bathroom
- Motorised Curtain System
- Integrated Kitchen Cabinet
- Premium Flooring
- Interior Wall & Ceiling Finishes
- Complete Electrical & Plumbing Systems

Model 03 - Dimensions: 2.25 × 2.15 × 2.40 m Features

- Dry & Wet Separation Bathroom
- Motorised Curtain System
- Integrated Kitchen Cabinet
- Premium Flooring
- Interior Wall & Ceiling Finishes
- Complete Electrical & Plumbing Systems

Material:

1. Galvanised Steel Structural Frame
2. Premium Exterior Cladding (2.0 mm Aluminium, Decorative Metal Panels or Great Wall Panels)
3. High-Performance Insulation (XPS, EPS, Rock Wool or PU – 65 / 75 / 100 mm)
4. Premium Interior Finishes (Bamboo Fibre Panels or Wood Veneer)
5. SPC Luxury Vinyl Flooring
6. Thermal Break Aluminium Doors & Windows



04 Apple Cabin

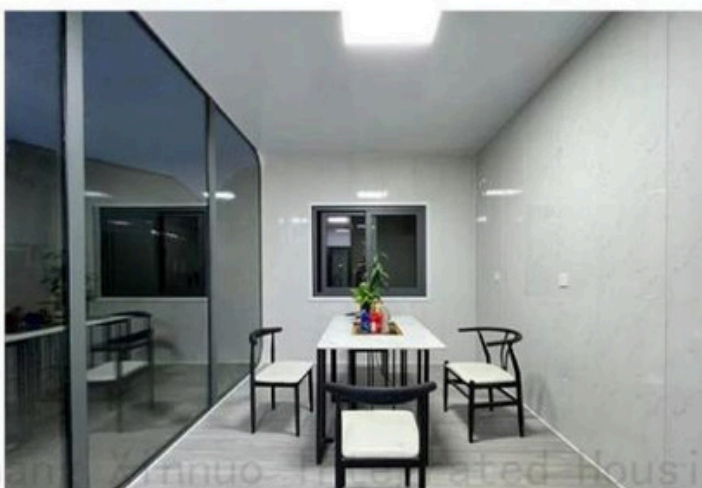
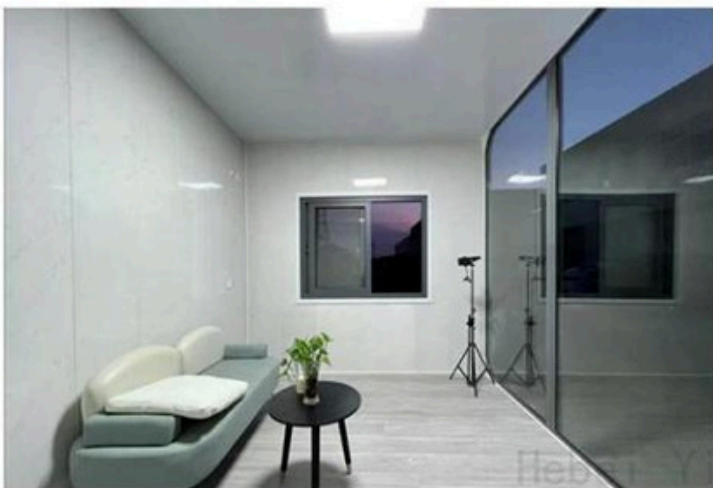
Rendering



04 Apple Cabin

Interior system

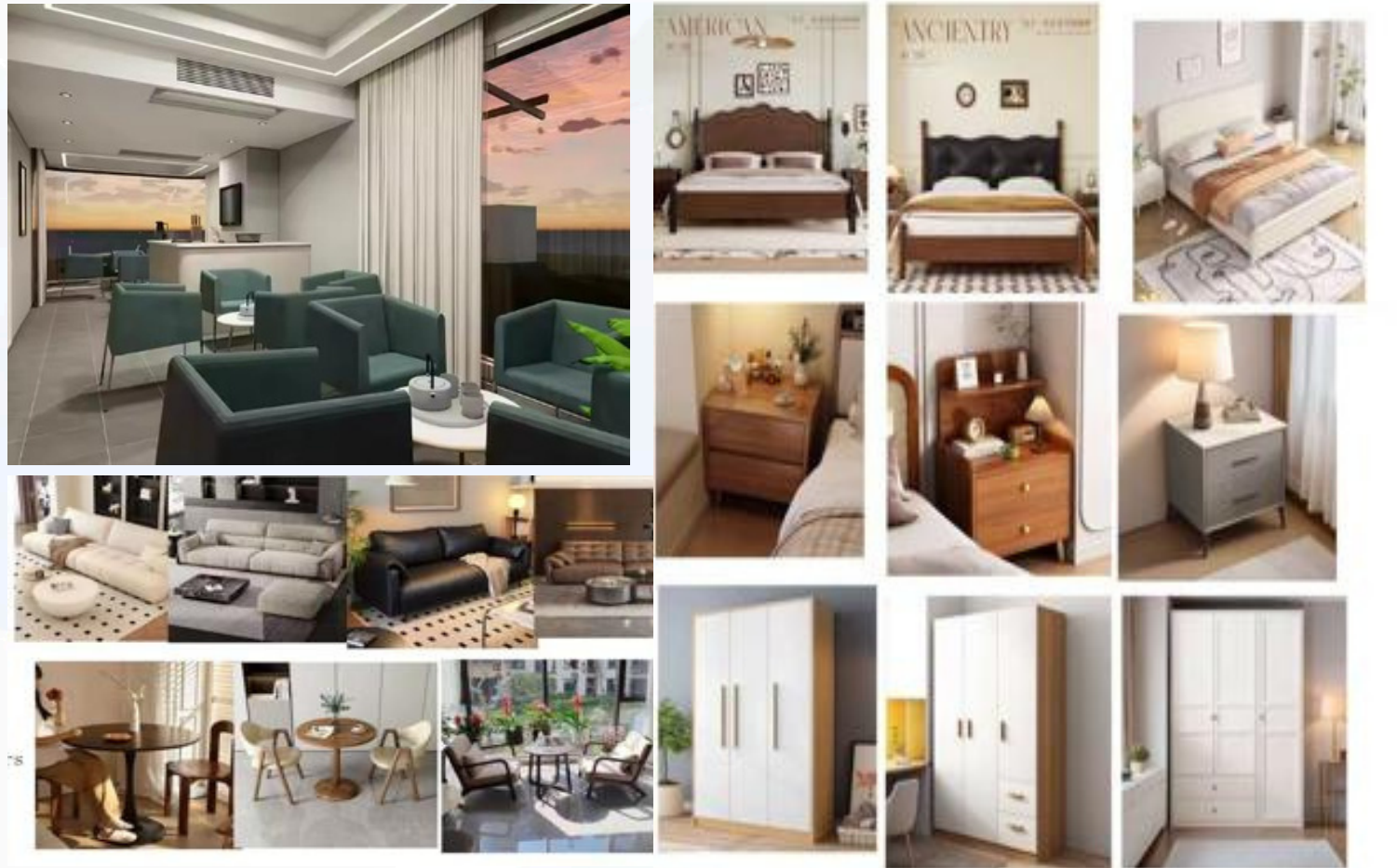
1. Spc floor 2. Ceiling 3. Decorative wooden wall 4. Indoor lighting effect (tube lamp + light strip)
5. Advanced custom bar counter 6. Curtain



04 Apple Cabin

Optional Upgrades

1. High-Definition Projector
2. Electric Underfloor Heating System
3. Premium Bed, Sofa & Wardrobe
4. Mini Refrigerator & Premium Curtains
5. Office Furniture & Bar Cabinet
6. Custom Interior Finishes



04 Apple Cabin

Transportation and installation:

Each unit is delivered fully assembled and thoroughly quality inspected, ready for immediate installation at its final destination. Depending on the project location, transportation is carried out using 40-foot shipping containers for sea freight or flatbed trailers for road transport.



05 Folding Container House

Recommended Applications

1. Temporary Offices

Ideal for construction sites, industrial projects, mining operations, energy facilities, and any location requiring fast, secure, and comfortable workspace solutions.

2. Accommodation & Emergency Facilities

Suitable for tourist resorts, workforce accommodation, emergency response, humanitarian operations, and remote project locations.

3. Storage Solutions

Designed for the secure storage of equipment, materials, and valuable goods, with a robust and durable structure.

4. Commercial & Exhibition Spaces

Perfect for retail stores, showrooms, exhibition stands, ticket offices, visitor centres, and temporary commercial installations.



05 Folding Container House

Available Models

Standard Folding Unit

Dimensions: 5.8 × 2.48 × 2.50 m - Floor Area: 14 m² - Weight: Approx. 850 kg

Construction

- Galvanised Steel Structural Frame
- 50 mm Rock Wool Insulated Sandwich Panels

Premium Folding Unit

Dimensions: 5.8 × 2.48 × 2.50 m - Floor Area: 14 m² - Weight: Approx. 850 kg

Construction

- Galvanised Steel Structural Frame
- 65 mm Rock Wool Insulated Sandwich Panels

Standard Equipment

- Steel Entrance Door
- PVC Double-Glazed Windows
- Glass Magnesium Subfloor
- Durable PVC Flooring
- LED Interior Lighting
- Complete Electrical Installation

Optional Upgrades

- Integrated Bathroom
- Bedroom Furniture Package
- Office Furniture Package
- Terrace
- Awning
- Stairs
- Safety Railing
- Additional Interior Finishes

Customisation

Custom dimensions, layouts, colours and equipment options are available to meet the specific requirements of each project.

Standard



Corrugated



Flexible Customization



Integrated bathroom



stairs



Guardrail, canopy, terrace

05 Folding Container House

Product Advantages

01 Easy to make

Elegant Design • Robust Construction • Precision Engineered

02 Site installation

Fast and efficient installation, requiring only 2–3 people and completed in as little as 3–5 minutes. Designed for easy relocation and repeated use.

03 Transport cost

Optimised for efficient transport, with up to 6 units loaded on a 6-metre trailer or up to 20 units on a 17.5-metre flatbed trailer.

04 Storage cost

Designed for space-efficient storage, with units that can be safely stacked in multiple layers.

05 Cost of use

Designed to reduce installation time, transport requirements, and overall project costs, providing a highly efficient and cost-effective modular solution.

06 Quality assurance

Engineered for safety and durability, featuring fire-resistant materials, resistance to wind and adverse weather conditions, a foldable and reusable design, and sustainable construction for temporary or emergency accommodation.

07 Use cycle

Engineered for long-term durability, with a foldable structure tested for up to 500 operating cycles and an expected service life of over 10 years under normal operating conditions.

08 application area

Ideal for temporary accommodation, emergency response, infrastructure projects, construction sites, renewable energy facilities, industrial operations, public works, and rapid deployment in disaster recovery or remote locations.

05 Folding Container House

Folding Container House				
Type	Specification	Material Name	Model	Thickness
Basic Characteristics	External dimension(mm)		5800*2480*2500	
	Internal dimensions(mm)		5640*2320*2400	
	Folded state(mm)		5800*2480*380	
	Total mass (kg)		930	
Frame structure after spraying	Top frame	Q235B rectangular square tube	40*40	1.3
		Q235B rectangular square tube	20*40	1.3
		Q235B rectangular square tube	60*60	1.3
		Q235B rectangular square tube	20*20	1.0
		P shape tube	20*60*90	1.5
		Hanger plate	140*180	6
		Glass wool		75
	6 meters plane	Ceiling board	YH24-281-961 type	0.23
		Process guard	107	1.8
		Concave and convex profile + P-type tube	40*60	1.3
		U-shape groove	50	1.0
		Hinge	High strength	
		Wallboard	Purify the outer orange peel	50
		Galvanized Angle		0.6
	3 meters plane	Type D rubber strip	Reinforced rubber strip 12*10	R
		P shape tube	35*78	1.0
		U-shape groove	65	1.0
		L type tube	60*80	1.0
		Wallboard	Purify the outer orange peel	65
		Window	920*920	4mm
		Door	970*1970	70
	Bottom frame	Type D black tape	Reinforced rubber strip 12*10	R
		Custom bottom beam (galvanized sheet)	60*160*6m	1.5
			60*80	1.5
		Hanger plate	140*145	6
		Hinge	High strength	1.7
Q235B rectangular square tube		40*40	1.3	
Floor			1.5	
After spraying the top of the box	Solid frame paint	Electrostatic spray/Plain plastic powder		
	External top plate	Color base 0.36mm*1.2m*2.95m*4 pieces+0.36m*1m*2.95m*2 pieces		
	Internal ceiling	Color steel veneer V961/0.23mm		
Wallboard	6 meters plane	50mm composite plate 0.23mm+ glass wire (bulk weight 35kg) ±0.03mm		
	3 meters plane	65mm composite plate 0.27mm+ glass wire (bulk weight 35kg) ±0.03mm		
Floor	Fireproof glass magnesium floor 15mm			
Electric System	Electrical wiring is installed in strict accordance with moisture-proof specifications, and all electrical products comply with CE certification. According to the circuit engineering specifications to connect the circuit, indoor: 4 square GB soft copper wire, 20A circuit breaker 1, socket line into 2.5 square, five-hole single socket 1, 10-hole socket 1, LED light 1.			
Security door	High quality security door (warm white) Size :970mm*1970mm			
Window	920*920 single glass sliding window Plastic steel window, glass thickness 4mm (warm white) (with screen guardrail)			
Quality guarantee	One Year Warranty (China)			
Roof bearing	1.0 KN/m ²			
Floor bearing capacity	4.2 KN/m ²			
Aisle bearing	2.0 KN/m2			
Wall side pressure	0.5 KN/m2			
Fire rating	A Level			
Seismic class	8 Level			
Wind resistance class	10 Level			

Product customization

1

Unit
MOQ

3

Hour
Fast Design

5

Days
Sampling

7

Days
Delivery



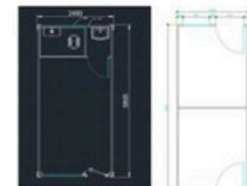
Custom Logo



Custom Color



3D Modeling



Layout Design



Modular Design



Structural Upgrade

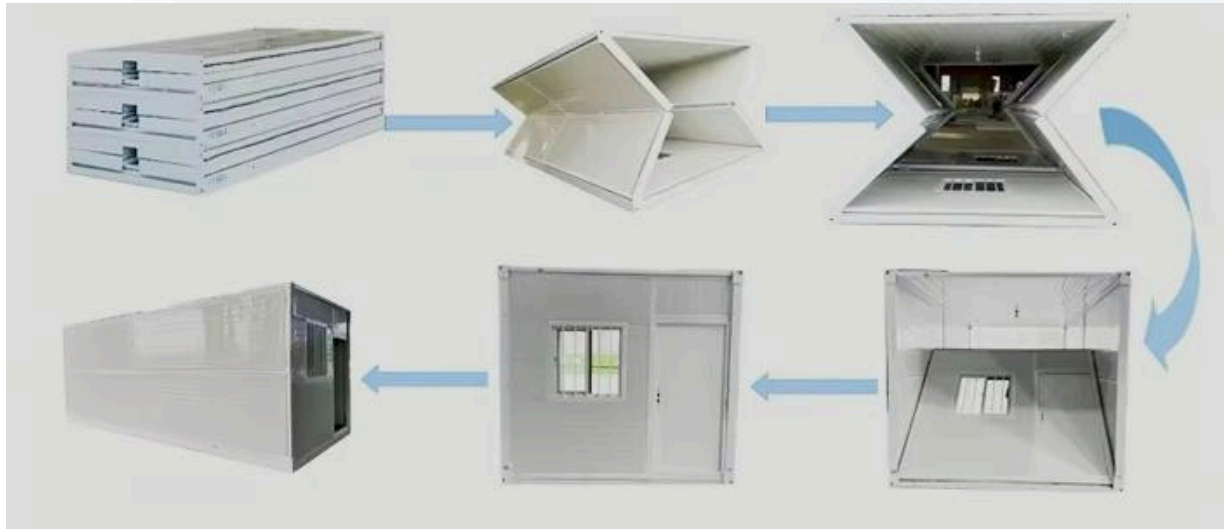
05 Folding Container House

Transportation & Installation

Designed for fast and efficient deployment, requiring a crane, forklift, and a team of 3–5 operators for installation.

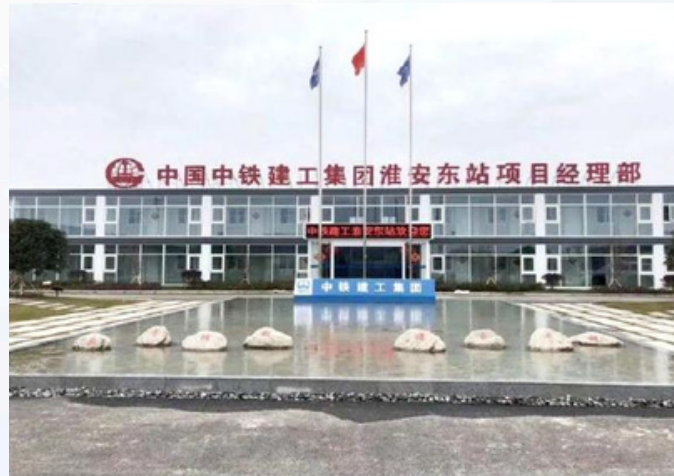
Shipping & Logistics

Optimised for cost-effective transport, with a 40-foot High Cube shipping container accommodating up to 12 Standard Units or up to 10 Premium Corrugated Units.



05 Folding Container House

Project Cases



Internal display



06 Folding Garage

Recommended Applications

Ideal for vehicle parking, secure storage, workshops, equipment shelters, logistics support, and warehouse facilities.

Available Sizes

- 5.8 × 2.48 × 2.50 m
- 5.7 × 2.96 × 2.70 m

Weight: Approx. 1.3 tonnes (depending on configuration)

Construction

- Galvanised Steel Structural Frame
- 50 mm Rock Wool Insulated Sandwich Panels

Standard Equipment

- Electric Roller Shutter Door
- Manual Roller Shutter Door (Optional)
- Heavy-Duty Steel Floor
- LED Interior Lighting
- Complete Electrical Installation (Sockets, Wiring & Switches)

Customisation

Custom dimensions, colours, layouts and equipment options are available to meet the specific requirements of each project.



06 Folding Garage

Transportation & Installation

Designed for fast and efficient deployment, requiring a crane, forklift, and a team of 3–5 operators for installation.

Shipping & Logistics

40 ft High Cube Container – Up to 6 Standard Units ($5.8 \times 2.48 \times 2.50$ m)

40 ft Open Top Container – Up to 6 Large Units ($5.7 \times 2.96 \times 2.70$ m)



07 Quick Consolidation Container House

Recommended Applications

Temporary Offices

Ideal for construction sites, infrastructure projects, industrial facilities, energy developments, and any location requiring fast, secure, and comfortable workspace solutions.

Accommodation & Emergency Facilities

Suitable for workforce accommodation, tourist facilities, emergency response operations, humanitarian missions, and remote project locations.

Storage Solutions

Designed for the secure storage of equipment, materials, tools, and valuable goods, with a robust and durable structure.

Commercial & Exhibition Spaces

Perfect for retail stores, showrooms, exhibition stands, ticket offices, visitor centres, and other temporary commercial facilities.



07 Quick Consolidation Container House

Technical Specifications

Dimensions

6000 × 3000 × 2700 mm

Custom dimensions available to suit project requirements.

Standard Equipment

- Galvanised Steel Structural Frame
- 50 mm Rock Wool Insulated Wall Panels
- Glass Magnesium Subfloor
- 2 PVC Windows
- Steel Entrance Door
- Complete Electrical Installation (2 Power Sockets & LED Lighting)



07 Quick Consolidation Container House

Transportation and installation:

Transportation & Logistics

Supplied in flat-pack format for maximum transport efficiency, allowing up to 16 units to be shipped in a single 40 ft High Cube container.

Fast & Simple Installation

The modular design enables quick on-site assembly using standard bolts and connectors. Installation can be completed by a small team without the need for specialised lifting or heavy construction equipment in most applications.



Installation Process

1. Assemble the Galvanised Steel Structural Frame
2. Install the Structural Supports
3. Fit the Floor, Wall and Roof Panels
4. Install Doors, Windows and Interior Finishes
5. Complete the Electrical Installation and Final Inspection

Frequently Asked Questions and Answers

1. Do you provide on-site installation services?

Yes. Every project includes comprehensive installation drawings and step-by-step guidance to ensure a smooth assembly process. For larger or more complex projects, on-site installation support and technical supervision can be arranged upon request.

2. What is your delivery time?

Usually, the delivery time is 7-15 days after receiving the deposit. For special products and large orders, the delivery time should be negotiated.

3. How do you control the quality of your products?

1. Design quality: Consider possible problems in advance and provide high-quality design solutions.
2. Raw material quality: Select qualified raw materials
3. Production quality: Precise manufacturing technology, experienced workers, strict quality inspection.

4. How to deal with quality problems?

The warranty period is 2 years. During the warranty period, we will be responsible for all quality problems caused by production.

5. Does your product have a clear service life? If so, how long?

Under normal climate and environment, the service life of the container house steel frame is 20 years

6. What designs do you have for different climates (how do the products adapt to different climates)?

Strong wind area: Improve the wind resistance of the internal structure. Cold area: Increase the wall thickness, or use good insulation materials to improve the pressure resistance of the structure. High corrosion area: Use corrosion-resistant materials or paint anti-corrosion coating.

Thank you for watching



BIT2KICK Lda

Specialists in Consulting & International Import Solutions

Services

Specialised Consulting • Equipment Import • Modular Housing Import • Spare Parts & Accessories • E-Commerce

Contact

 +351 912 452 826

 +34 690 241 371

Head Office

Av. 5 de Outubro 247 - 8135-102 Almancil – Algarve - Portugal

© 2026 BIT2KICK UNIPessoal LDA. All Rights Reserved.