



**PT KARYA
EVEREST PACIFIC**

CONTAINER HOUSE





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FLAT PACK CONTAINER HOUSE

PRODUCT INTRODUCTION

Prefab flat pack container house is sturdy and durable, with strong seismic resistance and deformation resistance, it has good sealing performance and can be assembled to expand the usage space, such as conference rooms, dormitory, kitchens, bathrooms,etc. It is easy to disassemble and has superior performance, stable and firm performance, good shockproof performance, waterproof, fireproof, and corrosion-resistant performance.

Specification	
Size	6055*2438*2896mm
Structure	Q235B,Q345B or other requested
Floor	MGO board/Fiber Cement Board
Window	Plastic Steel/Aluminum Windows
Door	Steel Security door
Wall Panel	Sandwich Panel
Optional	
Wall Panel	Rockwool/Glasswool/PU/EPS
Floor	Fiber Cement/Plywood
Door & Window	Sliding/Inward Tilt-Turn/Inward Hinged/Single
Stairs & Corridor	Straight/Folding/Corridor



PRODUCT CHARACTERISTICS

■ Function

The design of the flat pack container house reasonably adopts new energy, energy-saving lamps and lanterns, centralized heating, household metering, water facilities, composite walls, sun shading and roofing, which are energy-saving, water-saving, material-saving and land-saving technical measures, and realizes integrated design.

■ Structure

The main structure of the house is a steel frame structure, using metal-faced sandwich panels or other types of enclosure panels with thermal insulation. The boxes are connected to each other by bolts, which makes the structure simple and the installation easy and quick.

■ Demolition and transfer

The service life of the flat pack container house can reach more than 20 years, and it can be turned around and recycled without damage and at low cost, especially suitable for the second demolition of the project.

■ Layout

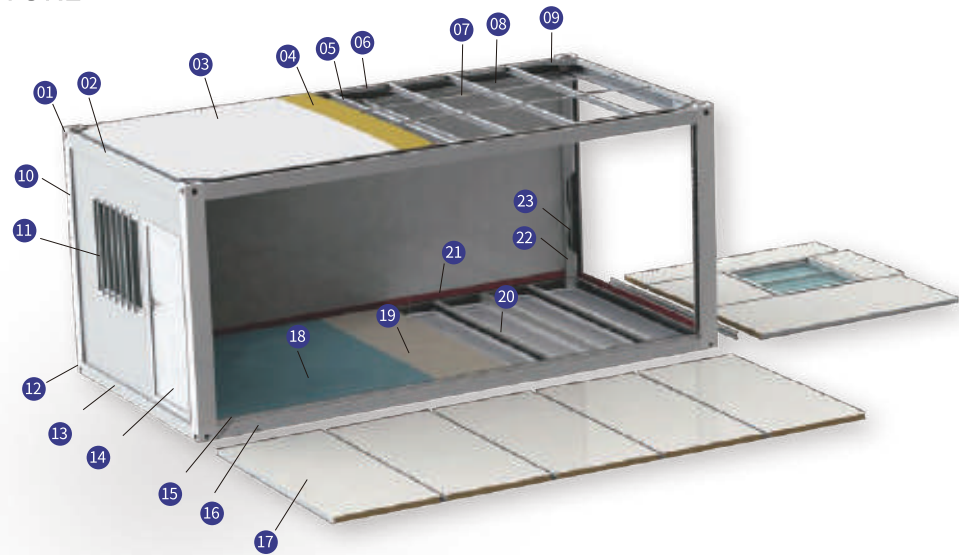
Modular design of the flat pack container house, within the house size, according to the use of functional requirements of reasonable space design, to meet the space and modelling of various requirements.

■ Storage

Highly prefabricated modular space can be deployed quickly and economically, and can be used in semi-permanent and permanent building forms.



HOUSE STRUCTURE



- (01) Top corner part

(02) Roof frame

(03) Roof sheet

(04) Fiber glass wool insulation

(05) Roof purlin

(06) Roof frame

(07) Roof sheet support

(08) Z-part

(09) W connection

(10) Column

(11) Plastic steel sliding window

(12) Top corner part
- (13) Base frame

(14) Steel door

(15) Sink

(16) Base frame

(17) Wall panel

(18) Vinyl sheet

(19) Cement board

(20) Roof purlin

(21) Skirting line

(22) Cover seal

(23) Drainage pipe



PRODUCT APPLICATION



PRODUCT LAYOUT



Single Room Section View



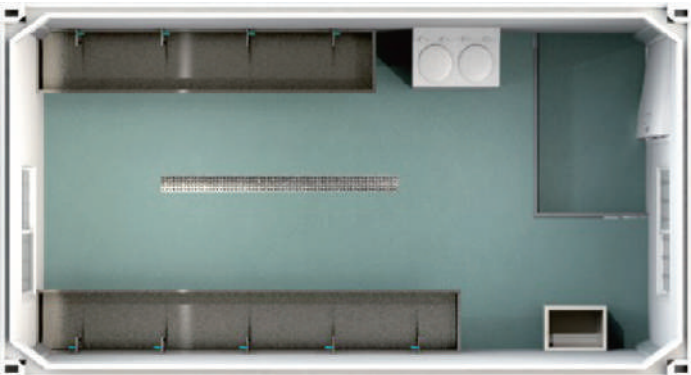
Single Room Top View



Single Office



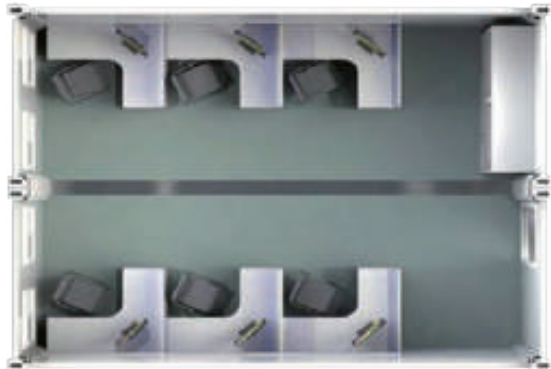
Female and Male Bathroom



Male Shower Room



Single Room



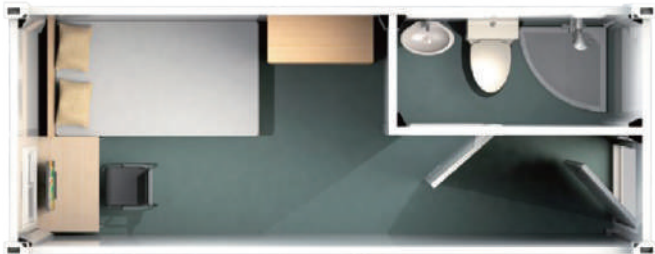
Office



Male Bathroom



Female Shower Room



Single Room Top View



Single Room Section View



Female Bathroom

FOLDING CONTAINER HOUSE

PRODUCT INTRODUCTION

Folding container house is a new type of housing developed in recent years, mainly to solve the problem of transportation and storage convenience is suitable for transportation in remote areas. It has a lot of features:it space-saving, easy loading and unloading, cost savings, green, long life.

The overall profile structure of the folding house is a one-time molding of the shaped tube with high-frequency welding machine equipment, and all the splices adopt the upper and lower biting design with excellent sealing, windproof and rainproof, and can be folded and used repeatedly for many times, with a lifespan of more than 15 years.



Specification	
External dimensions (mm)	5800mm*2480mm*2500mm
Internal dimensions (mm)	5640mm*2320mm*2400mm
Folded state (mm)	5800mm*2480mm*380mm



Now, the house is in a fully folded state. The height of the house is only 41 cm.

Hang the hook into the upper lifting hole and move it smoothly. Lift up and the house gradually unfolds.

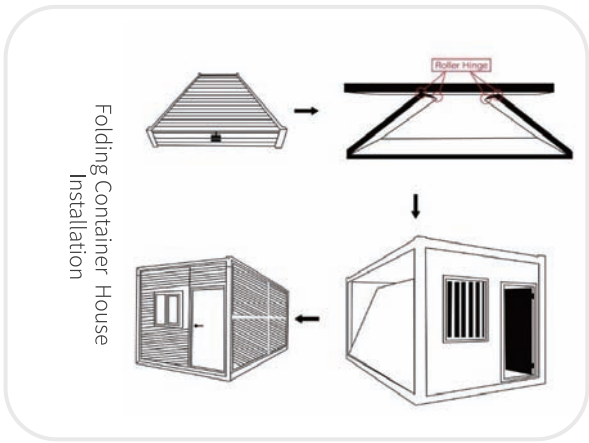
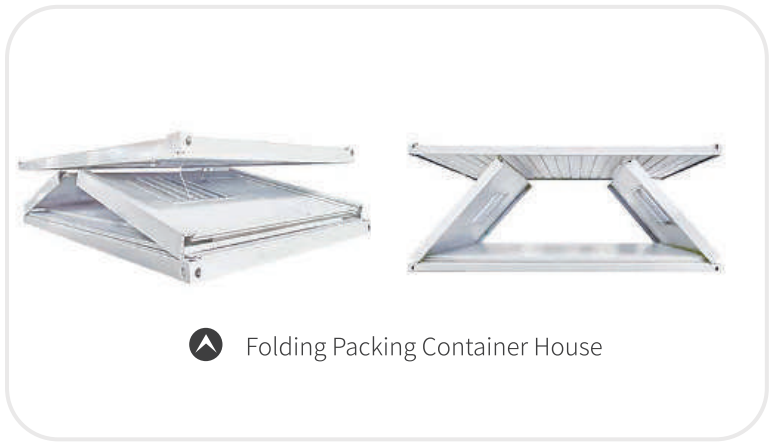
At this point the house frame is fully unfolded, then lift the front and back walls folded at the bottom and push upwards.

The folding house has been installed. (Note: remove hooks when installation is complete)

Folding Pack House Size	5800mm×2438mm×2520mm
Structure	Q235B,Q345B or other requested
Floor	MGO board/ Fiber Cement Board
Window	Plastic Steel/ Aluminum Windows
Door	Steel Security door
Wall Panel	Sandwich Panel

Optional	
Wall Panel	Rockwool/ Glasswool / PU/ EPS
Floor	Fiber Cement / Plywood
Door & Window	Sliding / Inward Tilt-Turn/ Inward Hinged /Single
Stairs & Corridor	Straight / Folding / Corridor

PRODUCT CHARACTERISTICS



Export Advantages

Tailor-made export loading size of folding container house, 40 feet container can be loaded with more of folding houses, which saves more transportation, export and labor installation costs compared with other box houses.

Customized design

It can be customized according to customer's needs, in addition to increase the styling design to meet customer's personalized needs.

Flexible Layout

For different indoor functions, there can be different layouts, and can be partitioned to make the functional space required by customers.

Transportation and storage advantages

The folding container house is only 41cm after folding, which saves more than 80% of the transportation cost and greatly saves the storage footprint and site use costs.



DETACHABLE CONTAINER HOUSE

PRODUCT INTRODUCTION

Detachable container house is a portable and reusable building product. It adopts modular design and factory production, with container as the basic unit, which can be used individually, and can also be combined horizontally and vertically to form a spacious space, and can be stacked vertically. The structure of container is a standard component welded with special steel profiles, and the containers are connected with bolts, making the structure simple and the installation easy and quick.

The detachable container house is used in construction sites for the high-end demand for temporary construction products such as engineering project manager's office, lodging room, conference room; field operation rooms, such as field exploration and construction mobile office, dormitory; emergency rooms, such as the military mobile command center, emergency mobile command center, disaster relief mobile command center and so on.



Specification	
Size	5950m*3000m*2800m
Structure	Q235B,Q345B or other requested
Floor	MGO board/ Fiber Cement Board
Window	Plastic Steel/ Aluminum Windows
Door	Steel Security door
Wall Panel	Sandwich Panel
Optional	
Wall Panel	Rockwool/ Glasswool / PU/ EPS
Floor	Fiber Cement / Plywood
Door & Window	Sliding/ Inward Tilt-Turn/ Inward Hinged /Single
Stairs & Corridor	Straight / Folding / Corridor

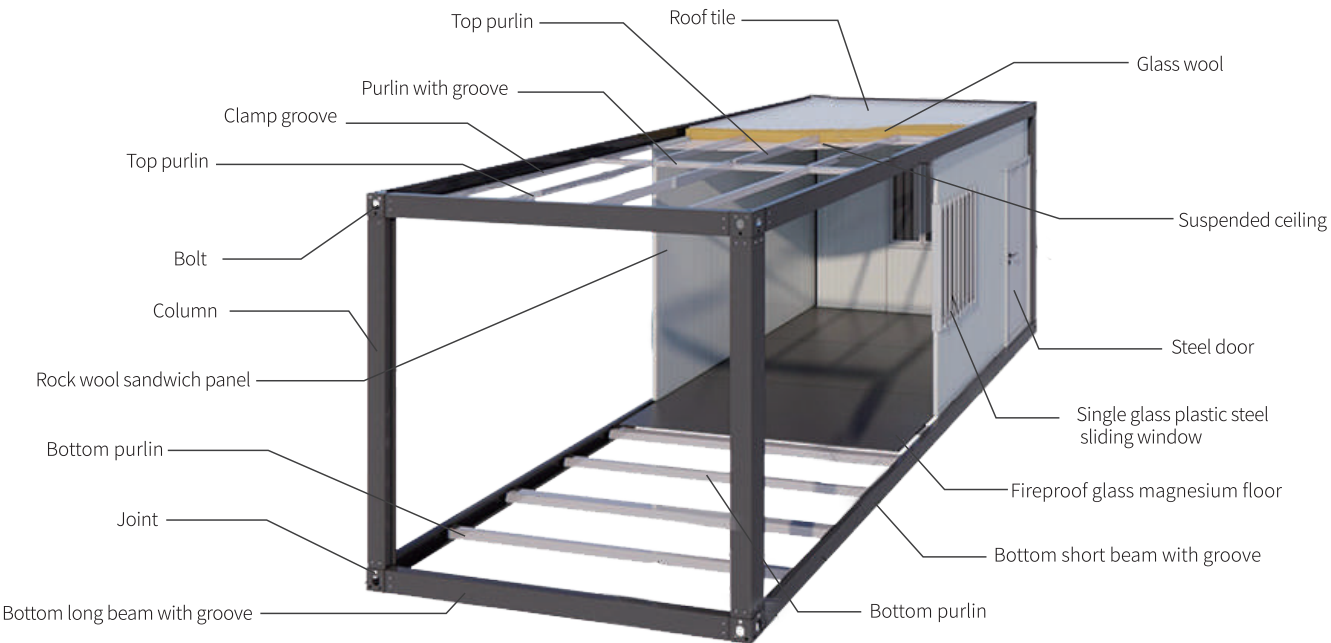


PRODUCT CHARACTERISTICS

- 1 Convenient transportation, especially suitable for institutions that often change construction sites.
- 2 With stability and durability, it is all made of steel, with strong resistance to earthquake and deformation.
- 3 Good sealing performance, strict manufacturing process makes this kind of container house has good water tightness.
- 4 Container house based on the standard steel frame, can be divided into many combinations of space.
- 5 Easy to dismantle, good performance, stable and solid, good seismic performance, waterproof, fireproof, anti-corrosion, light weight. The detachable container house is a whole structure with a frame inside and color steel composite panel walls, which can be relocated as a whole and has a long service life.

PRODUCT STRUCTURE

House Structure



PRODUCT APPLICATION



SHIPMENT



EXPANDABLE CONTAINER HOUSE

PRODUCT INTRODUCTION



The folding structure of expandable container house makes its appearance and spatial layout unique. The expanded folding structure increases the available space inside the house, creating a larger living space. It can be quickly assembled and disassembled, making it easy to move to different places. Whether it is outdoor adventure, camping or home emergency rescue, the expandable folding container house can provide convenient living solutions.



PRODUCT CHARACTERISTICS

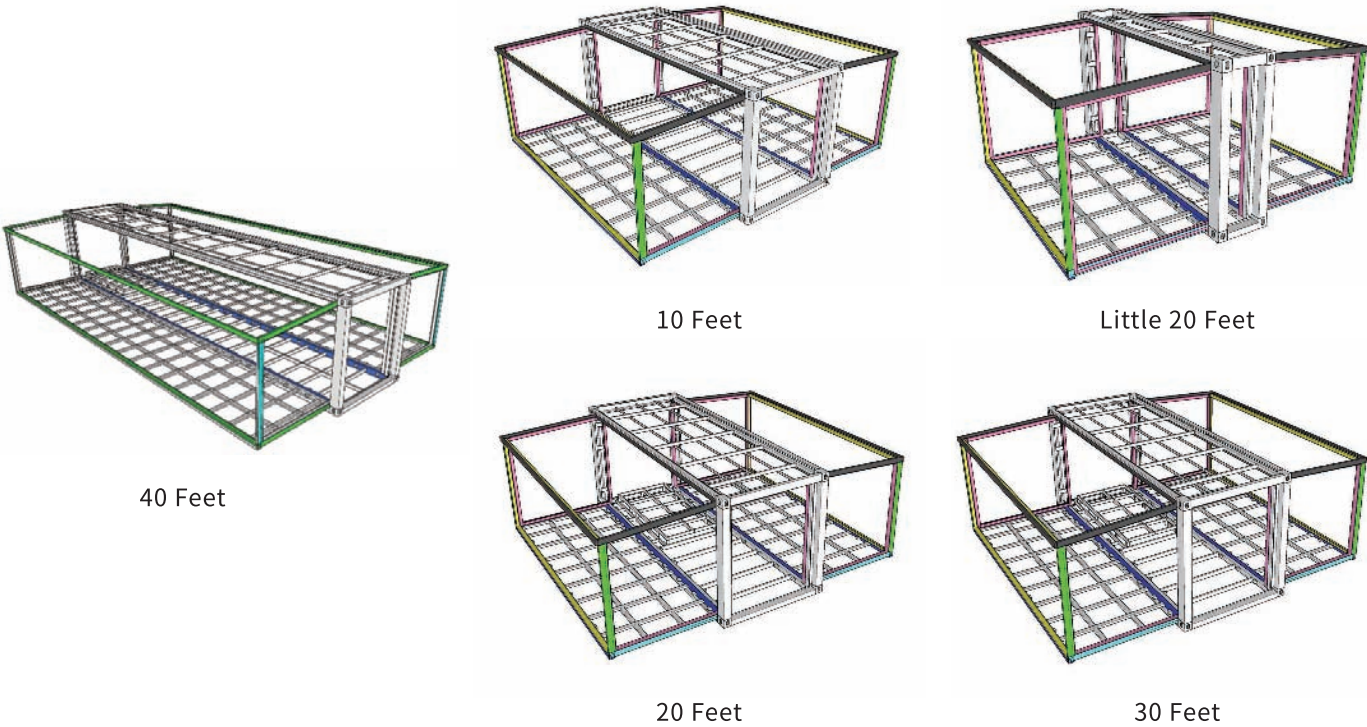
Expandable house structure



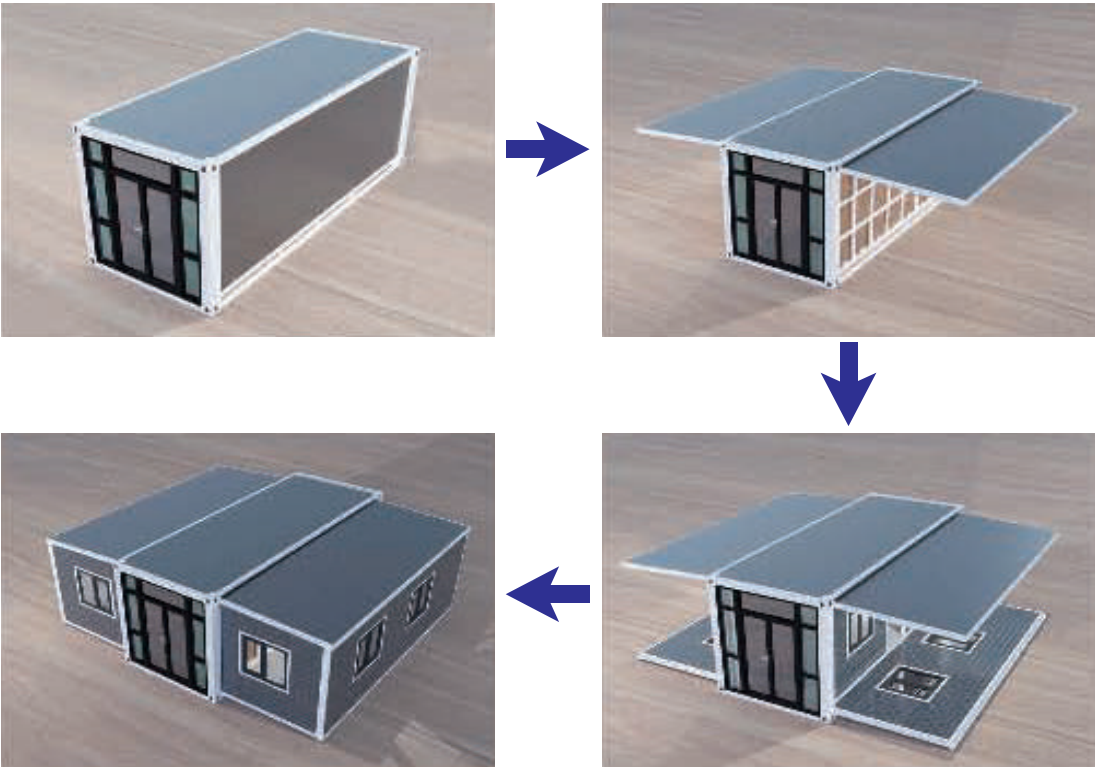
Expandable house packaging



PRODUCT SKELETON DIAGRAM



INSTALLATION STEPS



PRODUCT LAYOUT



20 FEET, 1 BEDROOM, 2 LIVING ROOMS



20 FEET, 2 BEDROOMS, 2 LIVING ROOMS



30 FEET, 1 BEDROOM, 2 LIVING ROOMS



30 FEET, 2 BEDROOMS, 2 LIVING ROOMS



40 FEET, 2 BEDROOMS, 2 LIVING ROOMS



40 FEET, 3 BEDROOMS, 1 LIVING ROOM



40 FEET, 3 BEDROOMS, 2 LIVING ROOMS

PRODUCT LAYOUT



Expandable Container House Size

10 feet	Floor area	18.5m ²	House type	One Hall
	Expanded size	L2950*W6300*H2480	Number of occupants	2~4
	Internal size	L2510*W6140*H2240	Power consumption	12KW
	Folded size	L2950*W2200*H2480	Total net weight	2tons
	Loading quantity	40HQ shipping container can load 4 sets.		
Little 20 feet	Floor area	27.5m ²	House type	One Hall
	Expanded size	L5900*W4800*H2480	Number of occupants	2~4
	Internal size	L5460*W4640*H2240	Power consumption	12KW
	Folded size	L5900*W700*H2480	Total net weight	2tons
	Loading quantity	40HQ shipping container can load 6 sets.		
20 feet	Floor area	37m ²	House type	One Hall
	Expanded size	L5900*W6300*H2480	Number of occupants	2~4
	Internal size	L5460*W6140*H2240	Power consumption	12KW
	Folded size	L5900*W2200*H2480	Total net weight	3.2tons
	Loading quantity	40HQ shipping container can load 2 sets.		
30 feet	Floor area	56m ²	House type	One Hall
	Expanded size	L9000*W6220*H2480	Number of occupants	3~6
	Internal size	L8540*W6060*H2240	Power consumption	12KW
	Folded size	L9000*W2200*H2480	Total net weight	4.5tons
	Loading quantity	40HQ shipping container can load 1 set.		
40 feet	Floor area	72m ²	House type	One Hall
	Expanded size	L11800*W6220*H2480	Number of occupants	3~6
	Internal size	L11540*W6060*H2240	Power consumption	12KW
	Folded size	L11800*W2200*H2480	Total net weight	5.5tons
	Loading quantity	40HQ shipping container can load 1 set.		

Note:List of materials data for reference only.

INTEGRATED WIND, SOLAR AND
STORAGE EXPANDABLE CONTAINER HOUSE

PRODUCT INTRODUCTION

A new energy generation system that utilizes the complementary resources of wind and solar energy, combined with technology of using batteries as energy storage devices, provides daily use of household appliances in the room and stores excess energy for nighttime use. At night or cloudy and rainy weather, wind power can be used to generate electricity, and both breeze and light sources can generate electricity without the need for an external power source (with an external power port), intelligently switching energy-saving modes.



Integrated solar controller and inverter machine

Energy storage box

Distribution box

Wind power generation controller

Configuration facilities: wind turbine (300W vertical axis), solar photovoltaic panels (330W*18pieces, total capacity 5094W), energy storage box (5000W lithium iron phosphate battery rechargeable), 5000W solar controller and inverter integrated machine.

Adaptation scenarios: remote pastoral areas, areas without power supply, islands, scenic area B&B, etc.

SPACE CAPSULE

PRODUCT INTRODUCTION

The appearance of the space capsule house is novel and full of technology. It adopts ecological protection design techniques, and the overall framework streamline is simple and clear. The overall layout has become a classic example of high-end camping accommodation products in the industry, suitable for a wide range of scenarios, and is an ideal choice for tourism and vacation.



PRODUCT EXTERIOR

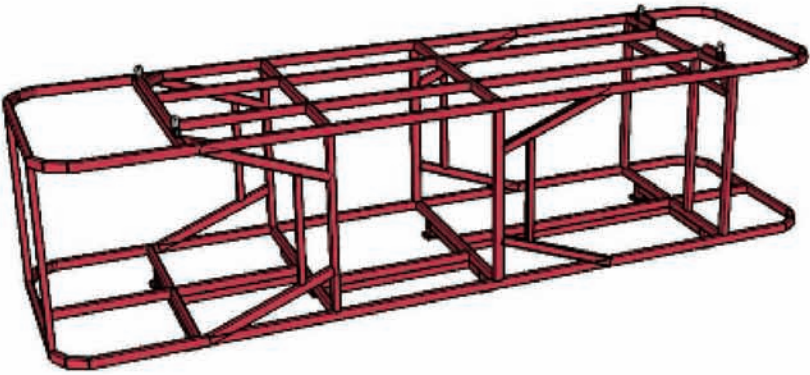


Specification						
Size(mm)	8500*3300*3300	8600*3300*3300	11500*3300*3300	9400*3100*3300	7000*3000*3200	12000*3000*3200
Floor Area	28.4 m ²	28.4 m ²	38 m ²	29.7 m ²	22.4 m ²	29.7 m ²
Occupancy(People)	2	2	2	2	2	2
Power Consumption	12KW	12KW	12KW	12KW	12KW	12KW

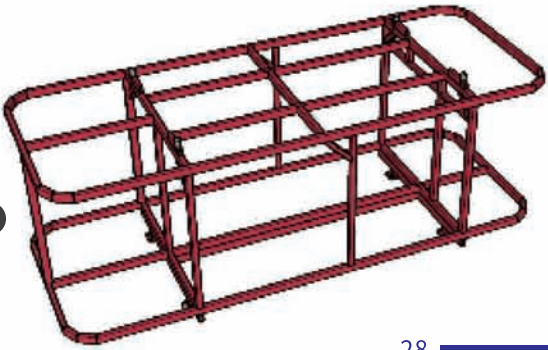


SPACE CAPSUIF WITH PHOTOVOLTAIC PANELS

PRODUCT INTERIOR



large space capsule



Small space capsule

PRODUCT SKELETON DIAGRAM



PRODUCT EXTERIOR



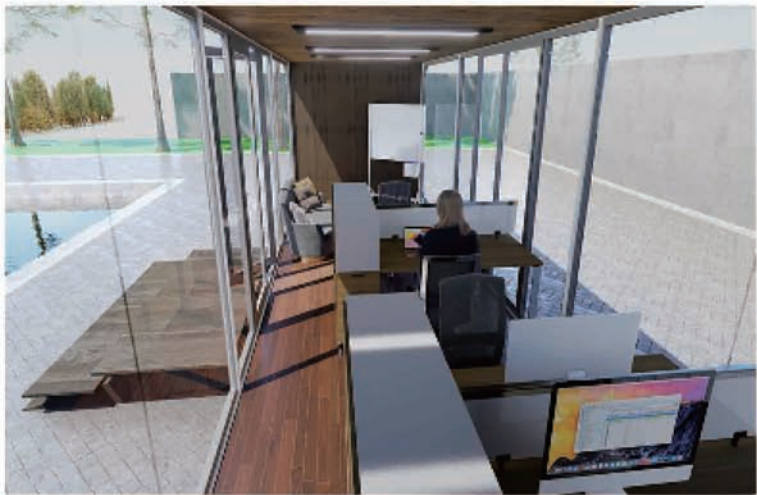
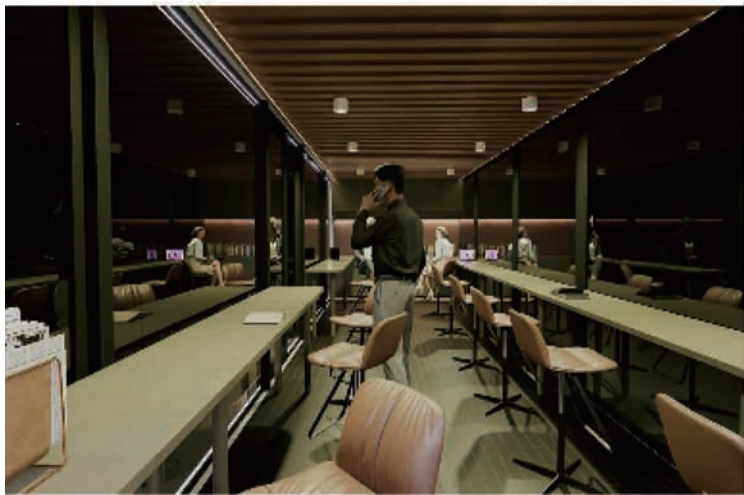
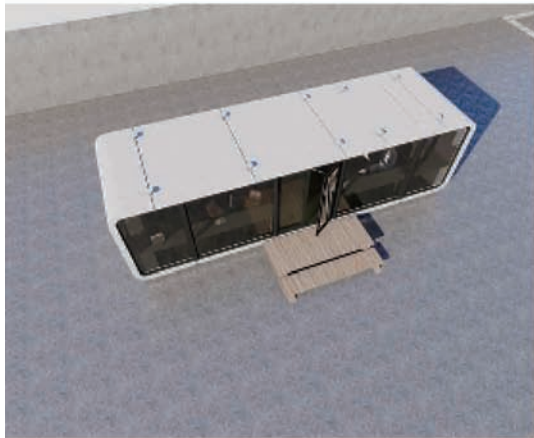
APPLE CABIN

PRODUCT INTRODUCTION

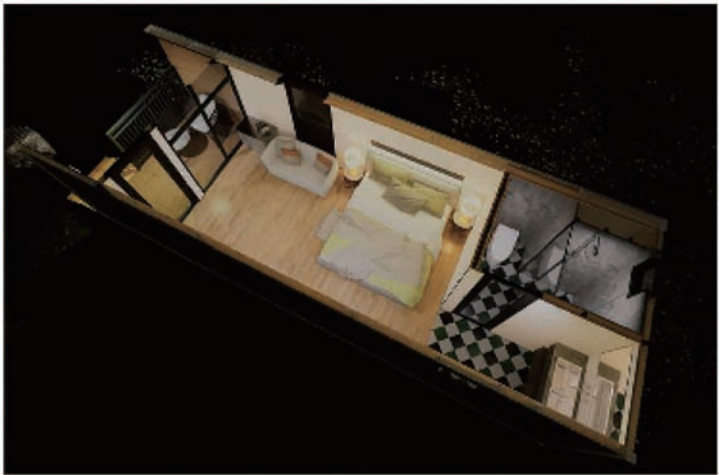
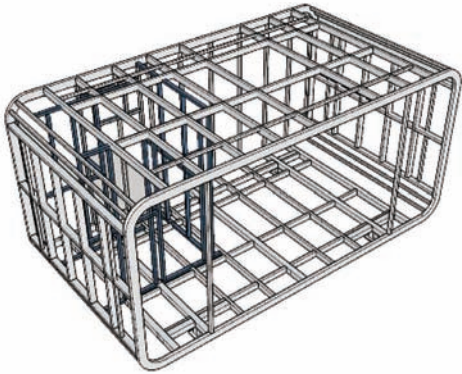
As a new generation of intelligent mobile accommodation products, apple Cabin has a simple and elegant appearance, perfectly integrating with nature. The indoor layout is spacious, natural and comfortable, and the entire structure is made of fully galvanized steel frame and aviation aluminum shell. It has a beautiful structure, avant-garde design, and is easy to assemble. It can be used as a facility for office, catering, homestays, and other facilities.



PRODUCT INTERIOR DECORATION/LAYOUT



PRODUCT SKELETON DIAGRAM



Size	Floor Area	Occupancy(People)
5800*2200*2400mm	13 m ²	1-2
11500*2200*2400mm	19 m ²	2-4
10000*3500*3200mm	35 m ²	4-8
8500*2250*2450mm	34.5 m ²	2-4
11500*3000*3000mm	34.5 m ²	4-6
12000*4500*3000mm	54 m ²	6-8
12000*4500*3000mm	48 m ²	6-8
11600*2250*2500mm	26 m ²	4-6
6000*2450*2230mm	14.7 m ²	1-2
2250*2250*2250mm	5 m ²	1-2