EXPANDABLE CONTAINER HOUSE

Container modular house and prefab houses that can be used as a granny flat,spare room,rental investment,first home,downsizing,deluxe mining camp accommodation,crib room,training room,office and accommodation for caravan & holiday parks,bed and breakfasts and more!

It looks like a home, not a container, and they are strong and durable. Plug them into your mains or install solar with an eco-septic system and go completely off grid. Taking them down is a reverse process of installing and they fold down to the size of a container Our plans can be modified and additions made to suit individual requirements. Move them with a tilt tray, they can be relocatable or permanent.



Advantage

- Fast installation:4 hours/set,save labor cost;
- Anti-rust:all material use hot glavanized steel;
- Waterproof:without wood ceiling,wall;
- Fireproof:Fire rating A grade;
- Simple foundation:just need 12pcs concrete bolck foundation;
- Wind-resistant(11 level)and anti-seismic(9 grade).





Product Custom Size

720 wide External standard size	5900mm*4830mm*2530mm	**Folded standard size**	5900mm*720mm*2530mm	**Weight**	1800KG
20FT External standard size	5900mm*6420mm*2530mm	**Folded standard size**	5900mm*2250mm*2530mm	**Weight**	3800KG
30FT External standard size	9000mm*6420mm*2530mm	**Folded standard size**	9000mm*2250mm*2530mm	**Weight**	5600KG
40FT External standard size	11800mm*6420mm*2510mm	**Folded standard size**	11800mm*2250mm*2510mm	**Weight**	7200KG
2.4m height within 20 feet External standard size	5900mm*6420mm*2560mm	**Folded standard size**	5900mm*2250mm*2560mm	**Weight**	3500KG
usage	Houses, offices, dormitories, shops, bars, emergency rooms, disaster rooms,etc.				
Advantage	1. Large space, large-sized windows and doors. 20 feet and 40 feet are available, and can also be customized according to your needs				
	2. Installation is simple and quick. 4 hours/set, saving labor costs				
	3. Prefabricated water, electricity and bathroom accessories				
	4. Integrated design of waterproof wall panels				
Main material	Galvanized steel structure with sandwich panel walls and doors, windows, etc.				
Service life	30-40 years				
color	White, charcoal or as per customer request.				
steel structure	3mm hot-dip galvanized steel structure with 4 corner castings and 18mm fiber cement panels; 1.8mm PVC flooring; 50mm Rock Wall, EPS or polyurethane				
	sandwich panels; Galvanized steel base plate.				
roof	3-4mm hot-dip galvanized steel structure with 4 corner castings and 50mm-70mm EPS or PU sandwich panels; galvanized steel roof covering.				
List	3mm hot-dip galvanized steel structure				
wall	50/75/100mm EPS/Rock woll/PU sandwich panel				
Door	Made of steel/aluminum frame, broken bridge aluminum.Size w 1930mm*2100mm glass double glazing, thickness 5/8/5mm.				
	Can be customized according to needs.				
window	Made of PVC/aluminium, broken bridge aluminum.Dimensions w1125mm*h1100mm, double-glazed glazed, thickness 5/8/5mm.				
	Size W800*H1100mm, double-glazed glass, thickness 5/8/5mm.				
Connection kit	PVC connection kit for floors, ceilings, walls.				
electricity	3C/CE/CL/SAA standard, with distribution box, lights, switches, sockets, etc.				
Optional accessories	Air conditioners, offices, dormitories, toilets, kitchens, bathrooms, showers, steel roofs, accommodation appliances, decorative panels, decorative materials, furniture, sanitation, kitchens, etc.				

Model for choose

- Color pattern, roof, wooden platform, solar power supply system, etc. can be customized on demand;
- The size of the house can be customized according to customer needs, and the height can be increased to 3000mm;







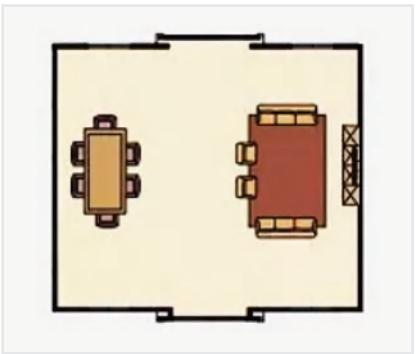



Exterior Decoration Optional

- There can be a roof;
- There can be a decking;
- There can be a stairs;
- The wall can be decorated by the metal sheet claddingb.

Layout Diagram Of 20ft Expandable House

- One living room
- one bedrooms+one toilet+open kitchen and living room
- two bedrooms+one toilet+open kitchen and Living room
- two bedrooms+one toilet+open kitchen and living room
- three bedrooms+one toilet+open kitchen and living room
- four bedrooms+one toilet
- Any other layouts you want to make



One Living room



One Living room
One Bedroom
One Restroom



One Living room
One Bedroom
One Restroom



One Living room
Two Bedroom
One Restroom



One Living room
Two Bedroom
One Restroom



One Living room
Three Bedroom
One Restroom



Four Bedroom
One Restroom

20ft Expandable Container

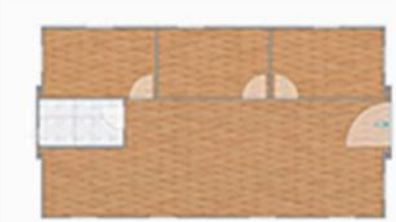




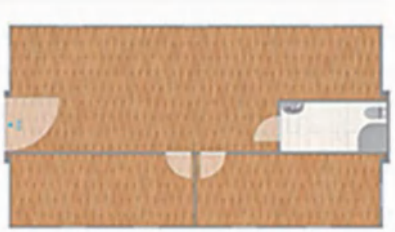




40ft Expandable Container









Main Frame Materials



Entry Door



Steel Frame

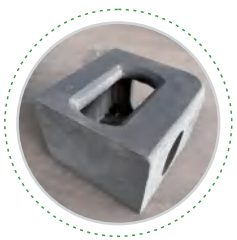


Bracing Piece

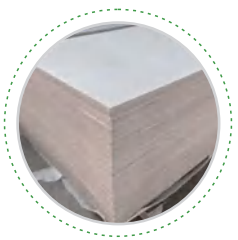


Window

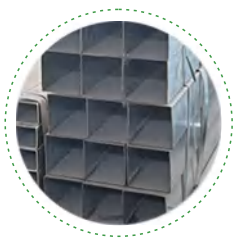




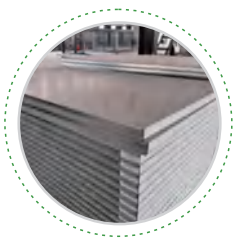
Corner Fitting



Floor



Galvanized Square Steel



High-end Cleaning Board

Fast And Easy Assemble Method

The expandable container house is 99% pre assembled, there is only 1% left which need to do by the buyer after open the container house.
We wil offer the assemble directions or the vedio to show, how to assemble.



Flat Pack Packing

Floor Installation

Expandable House Fineshed

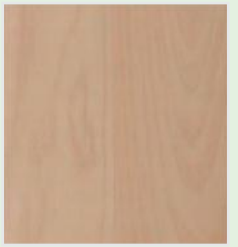
Product Components

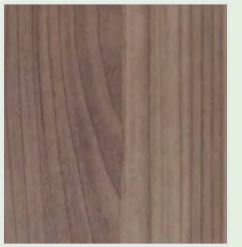
Door
Window



Floor







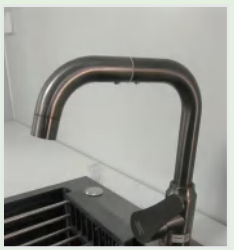

Power








Kitchen

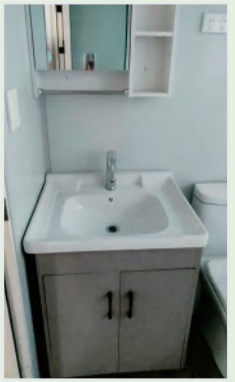






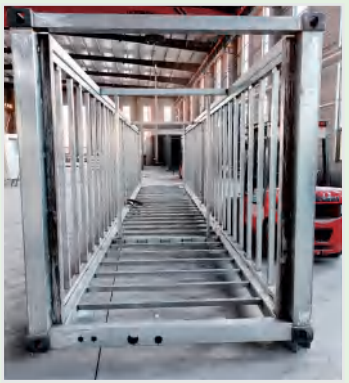
Bathroom








Framework









ENGINEERING CASES





















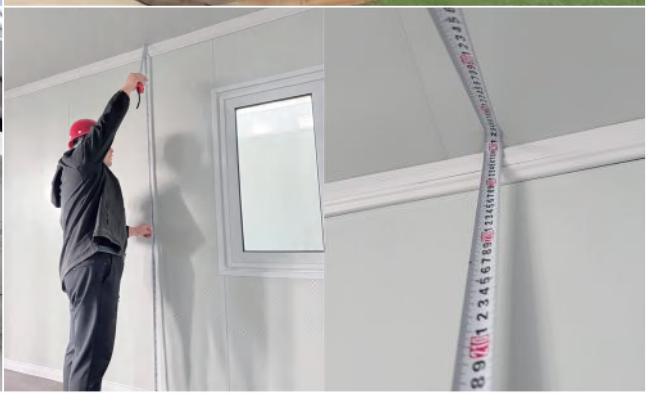


















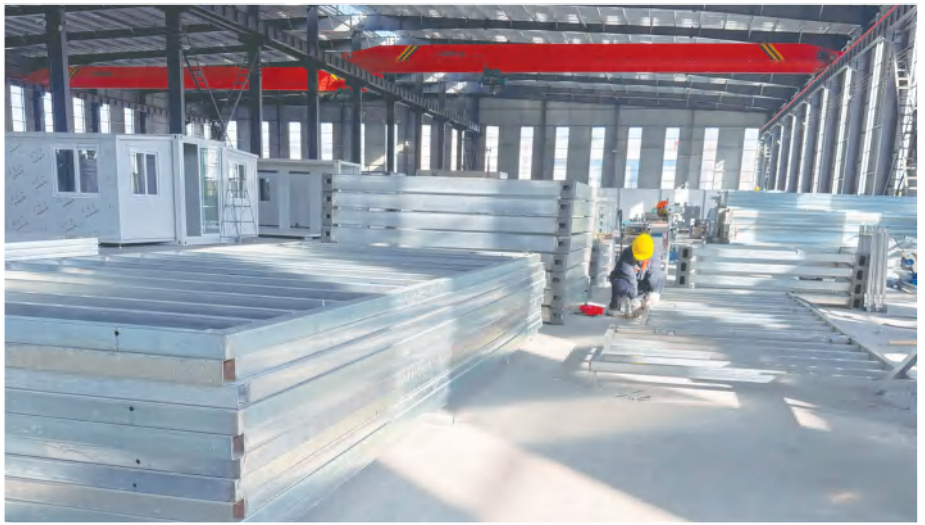





PRODUCTION WORKSHOP AND EQUIPMENT














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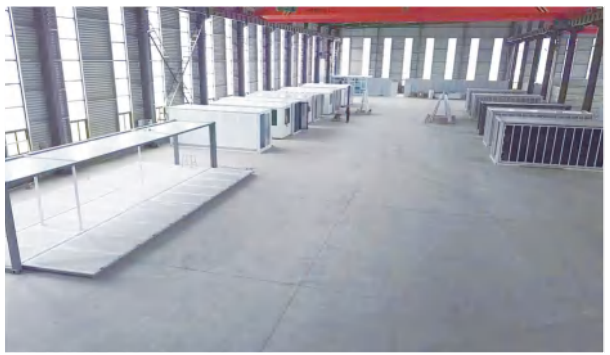
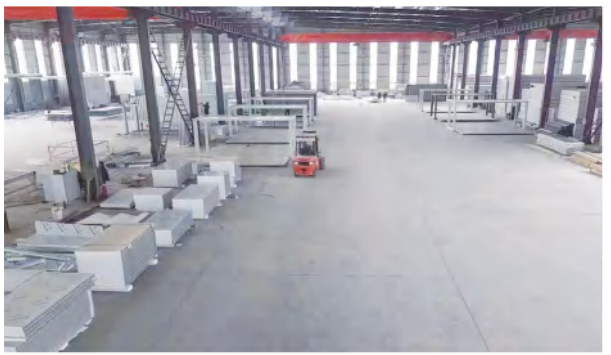











FLAT PACKING CONTAINER HOUSE

The Flat Pack Container House is composed of top frame components, bottom frame components, corner columns and several interchangeable wallboards. Modular design concept and productiontechnology are adopted to modularize a box house into standard parts, which can be assembled or hoisted on site at the site. The product takes the box as the basic unit, the box structure adopts special cold-formed galvanized steel components, the enclosure and thermal insulation materials are all made of non combustible materials, and the plumbing, electrical, decoration and supporting functions are all prefabricated in the project without secondary construction. Now you can move in after assembly or overall hoisting. It can be used alone, or spacious use space and lamination can be formed through different combinations of horizontal and vertical directions.



The packed box house has simple and safe structure and low requirements for foundation. It has the characteristics of fast installation, convenient movement and relocation, many turnover times and long service life. The modified products are disassembled without loss and construction waste. It can be used as a large space for office, accommodation, restaurant, bathroom, entertainment and combination, and can meet the requirements of construction engineering camp, municipal temporary house, field operation camp The demand for emergency resettlement houses, schools, hospitals, tourist stations and various commercial houses.



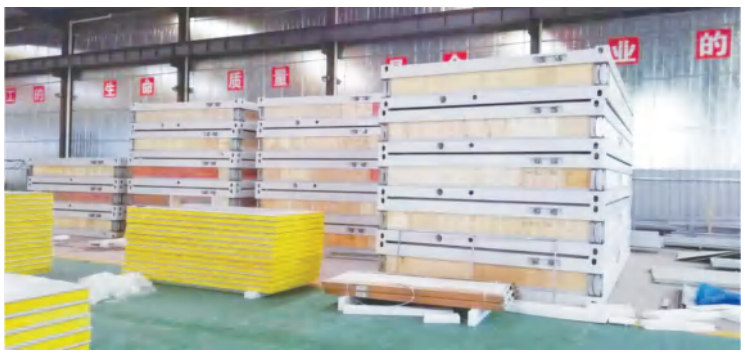





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Product Custom Size

Standard house	**size**	5800mm*2400mm*2896mm		
index	**Insulation**	0.043W/m·K	**Wind resistance**	0.50kN/m^2
	sound insulation	≥30dB	**Fire performance**	A级
	waterproof	2级	**Seismic performance**	8级
	Ground live load	2.0kN/m^2	**Roof live load**	0.5kN/m^2
Main structure	main section bar	The thickness of galvanized ground frame beam is 3.0mm; The thickness of galvanized roof frame beam is 3.0mm; The thickness of galvanized column is 3.0mm; Zinc content: 80g.		
	Structural	M12*40 high strength bolt		
	Spraying process	Galvanized process, polyester finish		
Wall panel	Glass wool core material	The thickness of color steel composite plate is 75mm, the thickness of color steel plate is 0.45, PE coating, white color, orange peel pattern on the outer plate and flat inner plate: No side steel strip S-shaped socket, no cold bridge for splicing; Glass wool unit weight 70kg/m^3 The combustion performance is class a non combustible.		
Roof system	Roof waterproof	Roof tile: color steel veneer bite thickness 0.5mm, 360°bite		
	Insulation layer	Glass wool roll feK, thickness 100mm, unit weight 14kg/m^3 The combustion performance is class a non combustible.(double layer layout)		
	Damp proof course	PE resin film		
	Decorative layer	Yx28-277-831 strip ceiling board, 0.5mm, white gray		
Ground system	Bottom panel	910 type white corrugated board, 0.3mm thick		
	Thermal insulation material	Glass wool roll felt thickness 100mm, volume weight 14kg/m^3, The combustion performance is class a non combustible		
	Damp proof course	PE resin film		
	Structural plate	Cement fiber board, 18mm thick		
	Ground treatment	PVC environment-friendly plastic floor, 2.0mm thick, blue		
door	Entrance doors	Steel door, size ≥ w845*h2035, stainless steel door lock		
window	Outer window	Size: w1120*H1100 (two sides)		
decorate	Interior decorative	Color steel profiled corner piece, thickness 0.5mm, color Xinyu white		
electrical system	3C/CE/CL / SAA Standard,with distribution box, lights, switch, sockets, etc.			
Optional facilities	Outdoor single running stairs	4650*1100mm, checkered steel plate anti-skid step, square tube steel railing		
	Outdoor walkway board	2990*1050mm, steel cantilever beam, checkered steel plate, anti-skid walkway plate, square tube steel railing		
	Outdoor canopy	2990*1180mm, steel cantilever beam, 50mm color steel composite plate canopy panel		
	Indoor corridor box	Size 5800*1800*2896mm		

ENGINEERING CASES








FOLDING CONTAINER HOUSE

Stretch freely and pull into shape

The folding house adopts the way that the base and the lower end of each wall are connected by hinges, so that it can be retracted and put freely.

Repeated folding is not easy to deform

It is constructed with galvanized steel, and the overall design is designed according to the architectural weighing.

Good material and stable structure

The structure is stable and adopts galvanized steel plate, which is composed of structural beam, corner piece, side beam and bottom joist, with strong resistance.









