

COMPANY



The manager room



The drawing room



Conference Room



Sales Department



Technology Department



Quality Inspection Department



Staff canteen



Workshop

FOLDABLE AND EXTENDABLE HOUSE

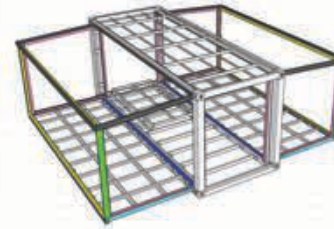
The expandable house uses an extendable structure, which increases the available space of the house after expansion, thus creating a larger living area. The appearance and spatial layout are unique and can be freely adapted to the client's requirements.

It can be quickly assembled and disassembled to make it easy to move to different locations, whether for outdoor adventures, camping, or emergency rescue operations. The double-leaf extension provides a practical housing solution.



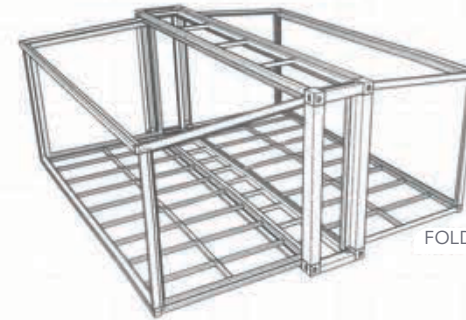
APPEARANCE DESCRIPTION





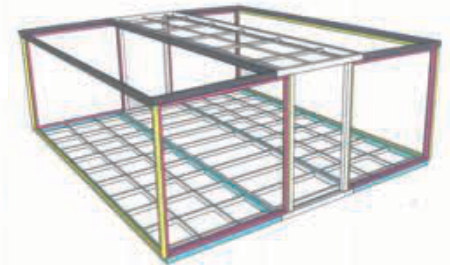
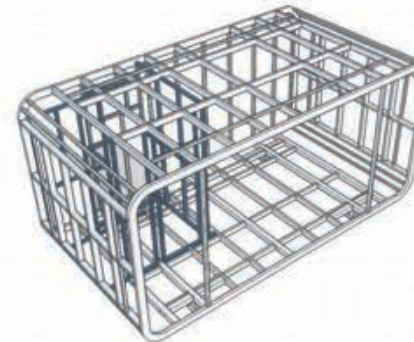
20-FOOT EXPANDABLE FOLDING HOUSE

40-FOOT FOLDABLE EXPANDABLE HOUSE



FOLDING EXPANDABLE HOUSE WITH A WIDTH OF 700.

FOLDABLE HOUSE WITH AN EXTENDABLE FLAT ROOF



CABIN

PRODUCT ARCHITECTURE DIAGRAM

PRODUCT LAYOUT 



20 feet, 1 bedroom,
1 living room



2 bedrooms,
1 living room



40 feet, 3 bedrooms,
a living room



40 feet, 2 bedrooms,
1 living room



30 feet, 1 bedroom,
1 living room



2 bedrooms,
1 living room



INTERIOR SPACES OF THE PRODUCT



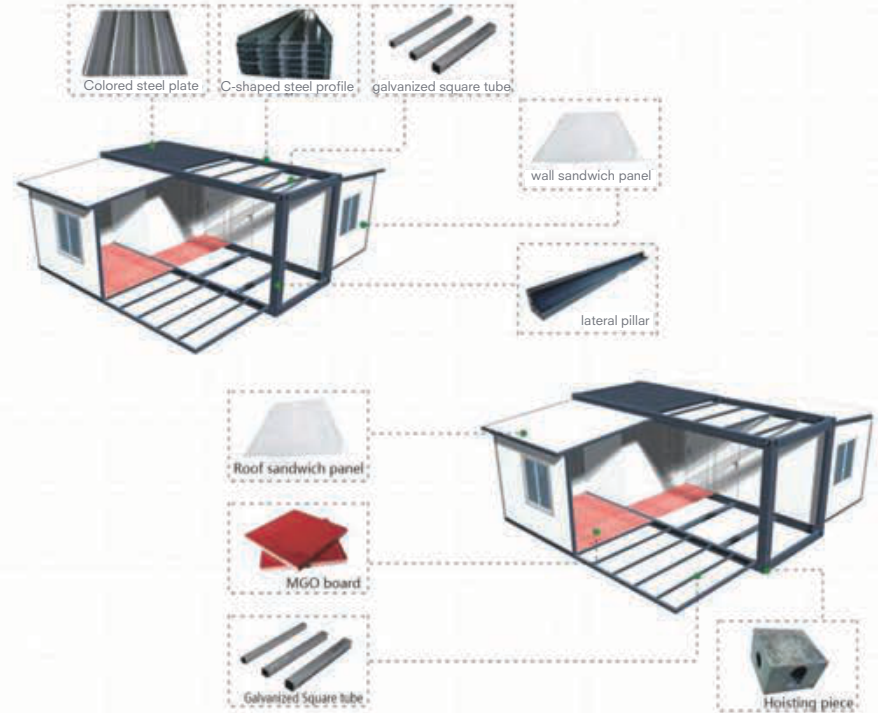
INTERIOR ROOMS



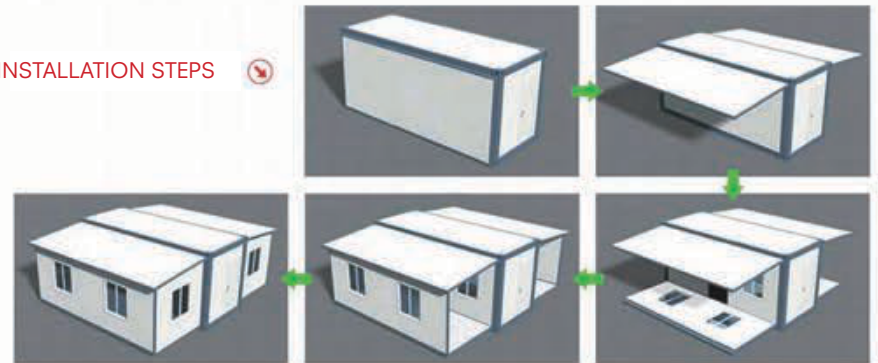
KITCHEN LAYOUT

BATHROOM

MIXTURE OF PRODUCTS

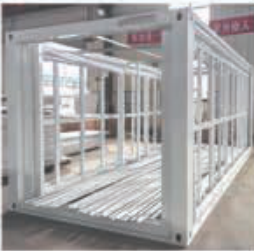


INSTALLATION STEPS

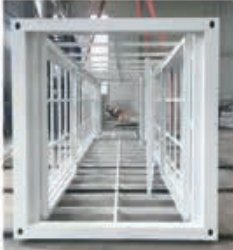


PRODUCT PARAMETERS


Technical parameters for 20FT Expandable House

Basic information	Expand size(mm)L*W*H	L5900*W6200*H2480	house type:One hall
	Internal size(mm)L*W*H	L5640*W6070*H2240	Floor area:37㎡ Total net weight:2500KG
	FoldedSize(mm)L*W*H	L5900*W2200*H2480	
Frame structure	Main beam	Galvanized rectangle tube 80*160*2.5MM Q235	
	Main column	Galvanized folding parts 150*210*2.0MM Q235	
	Sub framework	Galvanized rectangle tube 40*60*1.5MM Q235	
	Lifting components	galvanized Steel plate 210*150*160*4MM Q235	
	Hinge	Galvanized thickened hinges Q235	
floor	Middle floor	18mm CONCRETE FLOOR	
	Floor on both sides	18mm bamboo plywood	
Therma insulation materiale	Side wall	65mm Sandwich panel,Color roll double-sided 0.35mm.Sandwich materials include rock wool,EPS,optional . The standard sandwich material is12kg/m³EPS	
	Partition wall	50mm Sandwich panel,Color steel plate substrate double-sided 0.35mm,	
	Roof	50mm EPS Sandwich panel,Color steel plate substrate double-sided 0.35mm,	
Electrical system	Paramete	1. Incoming wiring6mm²,Air conditioning socket4mm²,Ordinary socket2.5mm², lighting1.5mm², (Can customize circuits that meet certification requirements according to the country) 2. Circuit breaker system;2P63A main switch*1,2P43A/2P32A/1P20 Shunt leakage protector one each, 3. lighting;Three proof LED ceiling light*6, 4. socket;Standard Chinese three hole socket(Can configure socket standards according to customer requirements)	
Door and window systems	Entrance door	Steel Security Doors(Customizable as broken bridge aluminum, titanium magnesium alloy,aluminum alloy doors)	
	window	Plastic steel double glass casement window(Customizable high-end Broken bridge aluminum window,aluminum alloy windows)	

Technical parameters for 30FT Expandable House

Basic information	Expand size(mm)L*W*H	L9000*W6200*H2480	house type:One hall
	Internal size(mm)L*W*H	L8740*W6070*H2200	floorarea :56㎡ Total net weight:3500KG
	Folded Size(mm)L*W*H	L9000*W2200*H2480	loading Quantity:1 sets/40HQ
Frame structure	main beam	Galvanized rectangle tube 80*160*2.5MM Q235	
	main column	Galvanized folding part 150*210*2.0MM Q235	
	sub framework	Galvanized rectangle tube 40*60*1.5MM Q235	
	Lifting components	galvanizec 210*150*160*4MM Q235	
	hinge	Galvanized thickened hinges Q235	
floor	Middle floor	18mm CONCRETE FLOOR	
	Floor on both sides	18mm CONCRETE FLOOR	
Thermal	Side wal	65mm Sandwich panel,Color roll double-sided 0.35mm (Sandwich materials include rock wool,EPS,optional)The standard sandwich material is12kg/m³EPS	
	Partition wall	50mm Sandwich panel,Color steel plate substrate double-sided 0.35mm,	
insulation materials	roof	50mm Sandwich panel,Color steel plate substrate double-sided 0.35mm	
	parameter	1. Incoming wiring6mm² 2,Air conditioning socket4mm² 3,Ordinary socket2.5mm² lighting1.5mm²(Can customize circuits that meet certification requirements according to thecountry) 2. Circuit breaker system;2P63A main witch*1,2P43A/2P32A/1P20 Shunt leakage protector one each. 3. lighting;Three proof LED ceiling light*6 4. socketStandard Chinese three hole socket(Can configure socket standards ustomer requem	
Door and window systems	Entrance door	Steel Security Doors(Customizableas broken bridge aluminum titanium magnesium alloy,aluminum alloy doors)	
	window	Plastic steel double glass casement window(Customizable high-end Broken bridge aluminum window,aluminum alloy windows)	

Technical parameters for 40FT expandable house

Basic information	Expand size(mm)L*W*H	L11800*W6200*H2480	house type:One hall
	Internal size(mm)L*W*H	L11540*W6070*H2200	floor area :72m²Total net weight:5000KG
	Folded Size(mm)L*W*H	L11800*W2200*H2480	loading Quantity: 1 sets/40HQ
Frame structure	main beam	Galvanized rectangle tube 80x160*3.5MM Q235	
	main column	Galvanized folding parts 150*210*3.0MM Q235	
	sub framework	Galvanized rectangle tube 40*60*1.5MM Q235	
	Lifting components	galvanized 210*150*160*4MM Q235	
	hinge	Galvanized thickened hinges Q235	
floor	Middle floor	18mm CONCRETE FLOOR	
	Floor on both sides	18mm CONCRETE FLOOR	
Thermal insulation materials	Side wall	65mm Sandwich panel,Color roll double-sided 0.35mm (Sandwich materials include rockwool,EPS,optional) The standard sandwich material is 12kg/m³ EPS	
	Partition wall	50mm Sandwich panel,Color steel plate substrate double-sided 0.35mm. Thermal insulation materials as above	
	roof	50mm Sandwich panel,Color steel plate substrate double-sided 0.35mm. Thermal insulation materials as above	
Electrical system	parameter	1. Incoming wiring6mm²,Air conditioning socket4mm²,Ordinary socket2.5mm², lighting1.5mm².(Can customize circuits that meet certification requirements according to theicountry) 2. Circuit breaker system,2P63A main switch*1,2P43A/2P32A/1P20 Shunt leakage protector one each 3. lighting:Three proof LED ceiling light*6. 4. socket,Standard Chinese three hole socket(Can configure socket standards according to customer requirements)	
Door and window systems	Entrance door	Steel Security Doors(Customizable as broken bridge aluminum titanium magnesium alloy,aluminum alloy doors)	
	window	Plastic steel double glass casement window(Customizable high-end Broken bridge aluminum window,aluminum alloy windows)	

Technical parameters for 700FT expandable house

Basic characteristics	External dimensions(mm)W*L*H	W4800*L5900*H2480
	Internal dimensions(mm)W*L*H	W4640*L5640*H2240
	Folding state(mm)W*L*H	W700*L5900*H2480
	Total mass (kg)	2000KG
Frame structure	Middle top bean	80*100*2.5mm Q235R
	Midsole beam	80*160*2.5mm Q235B
	End Side Beam	T2mmQ235B
	Middle column	150*210*2mmQ235B
	Sidewall frame	Plype tube40*80*1.5mm Q235B
	Sub-frame	40*60*1.5mm Q235B
	Hanging head	150*210*160*4mmQ235B
	Folding hinge	13mmGalvanized Hinge
	Integral Frame Protective Coatings	Electrostatic spraying/Straight plastic powder
		Top and bottom of middle cabinet
	Top and bottom of side cabinet	40*80*1.5Thick rectangle tube
Box top	External roof	50 EPS Purification plate
	Interior ceiling	V200 Inner ceiling
Wallboard	Middle Top Insulation	50EPSPurification plate
	Side Walls,Front and Rear Wall Panels	75 thick EPS board,color roll 0.35
	Internal partition	50thickEPSPurification Board,Color Roll Double Sided0.35
floor	Intermediate floor	18mmCement floor
	Floor on both sides	18MMBamboo plywood
Electrica] system	Electrical wiring,strictly in accordance with the moisture specification installation;all electrical products must meet the CE Certification.Connecting circuitsaccording to the Circuit Engineering Specification,indoor:LEDLamp,Ceiling Light,International Three Hole Outlet Air Conditioning Outlet,63AEarth leakage protection.Voltage 110V,50HZ.	
Ordinary antitheft door	1970*970*1individu	
window	PVC window with double glazing and side opening.4 (920920)	

FOLDABLE PARTS

The installation of a folding part is simple, sturdy, and aesthetically appealing, without the need for a floor for on-site assembly. It requires only 3 to 5 minutes to install and can be opened as a single unit. It can be folded 500 times without any issues, with a lifespan of up to 25 years. It is easy to disassemble and transport, and transportation costs are also relatively low. Compared to traditional colored steel parts, it allows saving two-thirds of the component costs.



FOLDING PREFABRICATED CONTAINER HOUSE, IN FLAT-PACK PACKAGING

It can be used for medical aid in disaster situations, fire stations, relocation after an earthquake, highways, railways, buildings, wind farms, optoelectronics, oil exploration, emergency interventions at hazardous sites, etc. Quick and convenient assembly and disassembly, no specialized construction team required, no construction waste, reduced assembly and disassembly time, no deterioration upon reuse, savings on transportation and dismantling costs, aesthetic, durable, low carbon, green, and environmentally friendly.



PREFABRICATED HOUSE MADE FROM FLAT-PACK CONTAINERS

A prefabricated house made of modular containers is strong and durable, with high resistance to earthquakes and deformation. It offers good waterproofing and can be assembled to expand the usable space, such as conference rooms, dormitories, kitchens, bathrooms, etc. It is easy to dismantle and has excellent performance, stable and robust characteristics, good resistance to impact, water, fire, and corrosion.



FOLDABLE AND EXTENDABLE HOUSE

The expandable house uses an extendable structure which, once deployed, increases the available space, thus creating a larger living area. Its appearance and interior layout are unique and can be freely adapted to the client’s requirements. It can be quickly assembled and disassembled, which facilitates moving to different locations. Whether for residential use, professional offices, or emergency interventions, expandable houses can provide practical housing solutions.



EXTERNAL APPEARANCE OF THE PRODUCT



A TWO-STORY HOUSE WITH A FLAT, FOLDABLE, AND EXTENDABLE ROOF.



INTEGRATED WIND ENERGY, SOLAR ENERGY AND STORAGE
 – FOLDABLE EXTENDABLE HOUSE

This house uses a new energy production system that combines wind energy and solar energy, along with a battery technology serving as an energy storage device, in order to power household appliances in the room and store excess energy for nighttime use. For example, energy production from wind during the night or rainy weather, a light breeze, and a light source can generate electricity. No external power supply is necessary (but the house is equipped with an external electrical connection just in case). The system can intelligently switch to energy-saving mode.



EXTERNAL APPEARANCE OF THE PRODUCT



INTEGRATED SOLAR
 CONTROLLER AND
 INVERTER DEVICE



ENERGY STORAGE
 BATTERY



JUNCTION BOX



WIND TURBINE
 REGULATOR

CABIN

As a new generation of smart mobile accommodation products, the CABIN features a simple and elegant appearance that blends perfectly with nature. The interior layout is spacious, natural, and comfortable, and the entire structure is made from a fully galvanized steel frame and an aerospace-grade aluminum shell. It has a beautiful structure, avant-garde design, and is easy to assemble. It can be used as an office, for hospitality, private accommodation, or other purposes.



CABIN

The appearance of the house, shaped like a space capsule, is new and filled with technologies. It uses eco-friendly design techniques with linear protection, and the entire structure is simple and clear. The layout, featuring a bedroom and a living room, has become a classic example of luxury camping accommodation in the industry, suitable for a wide range of scenarios and an ideal choice for tourism and vacations.



CREATIVE WORKSPACES

The Commercial Spaces stand out for their creativity, with unique features both in their appearance and interior layout. They can be designed and renovated according to the individual needs of different users, with a flexible space distribution. They are suitable for office receptions, commercial areas, industrial facilities, and others.



PHOTOGRAPHS
SHIPMENTS

