Main Products

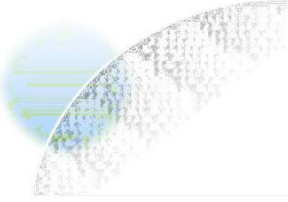40FT expansion container house

CV-240002

F700-20FT narrow version expandable

20FT expansion container house

folding container house

04

Main Products

20FT Folding Container House

Double decker expansion container house

Corrugated steel plate 20FT
folding container house

French window expand
container houses

05

20FT/40FT expansion of container house

Specification	Expanded Dimensions(L*W*H)	Internal Dimensions(L*W*H)	Folded Dimensions(L*W*H)

20FT	L5900*W6300*H2480	L5460*W6140*H2240	L5900*W2200*H2480
40FT	L11800*W6220*H2480	L11540*W6060*H2240	L11800*W2200*H2480

Product Skeleton Diagram
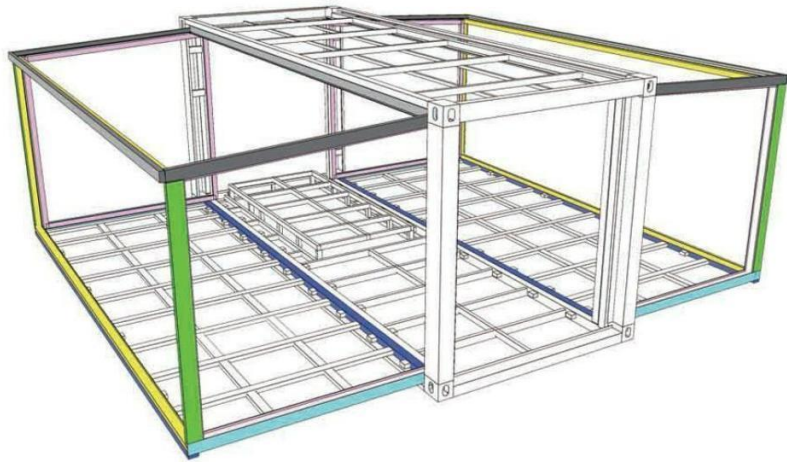
20 FEET EXPANDABLE FOLDING CONTAINER HOUSE

40 FEET EXPANDABLE FOLDING CONTAINER HOUSE

Product Parameters

20 feet expandable folding container house configuration parameters

Basic feature	Product model	20 feet	House type	One Hall
	Expanded size	L5900*W6300*H2480	Number of people accommodated	2-4 people
	Internal dimensions	L5460*W6140*H2240	Power consumption	12KW
	Folded Size	L5900*W2200*H2480	Total net weight	
	Floor area			37㎡

Frame structure		
Name	Content	Specifications
Main frame (fully galvanized)	Top side beam	80*100*2.5mm Square tube
	Top beam	Bending parts 2.0mm
	Bottom side beam	80*100*2.5mm Square tube
	Bottom beam	Bending parts 2.0mm
	Galvanized hanging head	Galvanized hanging head 210*150*160
	Steel column	Bending parts 2.0mm
Side frame (fully galvanized)	Top frame	40*80*1.5mm P-shaped tube
		40*80*1.5mm Square tube
	Bottom frame	60*80*2.0mm Square tube
	Folding hinge	130mm Galvanized hinge
Overall framework protective coating	Spray	Electrostatic spray molding/straight white plastic powder
Roof	External top plate	T50mm EPS color steel plate+corrugated veneer t0.4mm
	Internal ceiling panels	200 type ceiling panel
Wallboard	Side walls, front and rear	T65mm EPS color steel plate
	Inner partition board	T50mm EPS color steel plate
Ground	Center floor	18mm thick fireproof cement fiber floor
	Floor on both sides	Bamboo plywood 18mm thick
Doors and windows	Plastic steel sliding window	920*920mm
	Steel single door	840*2030mm
Electrical system	Circuit breaker system	One 32A leakage protector. Voltage 220V, 50HZ
	Light	Bull 30*30 flat lamp, large ceiling lamp
	Socket	Standard international three hole and five hole sockets (socket standards can be configured according to customer requirements)
	Light Switch	Double open, single key switch (switch standard can be configured according to customer requirements)
	Wiring	Incoming Line 6², Air conditioning socket 4², Ordinary socket 2.5², Lighting 1.5², (Circuit that meets certification requirements can be customized according to the country)
Loading Quantity	1 40HQ shipping container can hold 2 sets.	

40 feet expandable folding container house configuration parameters

Basic feature	Product model	40 feet	House type	One Hall
	Expanded size	L11800*W6220*H2480	Number of people accommodated	3~6人
	Internal dimensions	L11540*W6060*H2240	Power consumption	12KW
	Folded Size	L11800*W2200*H2480	Total net weight	4.6 tons
	Floor area			72㎡

Frame structure		
Name	Content	Specifications
Main frame (fully galvanized)	Top side beam	80*140*3.0mm square tube
	Top beam	Bending parts 2.5mm
	Bottom side beam	80*140*3.0mm square tube
	Bottom beam	Bending parts 2.5mm
	Galvanized hanging head	Galvanized hanging head 210*150*160
	Steel column	Bending parts 2.5mm
Side frame (fully galvanized)	Top frame	40*80*1.8mm P-shaped tube
		40*80*1.8mm Square tube
	Bottom frame	60*80*2.5mm Square tube
	Folding hinge	130mm Galvanized hinge
Overall framework protective coating	Spray	Electrostatic spray molding/straight white plastic powder
Roof	External top plate	T50mm EPS color steel plate+corrugated veneer t0.4mm
	Internal ceiling panels	200 type ceiling panel
Wallboard	Side walls, front and rear	t65mm EPS color steel plate
	Inner partition board	t50mm EPS color steel plate
Ground	Center floor	18mm thick fireproof cement fiber floor
	Floor on both sides	Bamboo plywood 18mm thick
Doors and windows	Plastic steel sliding window	920*920mm
	Steel single door	840*2030mm
Electrical system	Circuit breaker system	One 32A leakage protector. Voltage 220V, 50HZ
	Light	Bull 30*30 flat lamp, large ceiling lamp
	Socket	Standard international three hole and five hole sockets (socket standards can be configured according to customer requirements)
	Light Switch	Double open, single key switch (switch standard can be configured according to customer requirements)
	Wiring	Incoming Line 6², Air conditioning socket 4², Ordinary socket 2.5², Lighting 1.5², (Circuit that meets certification requirements can be customized according to the country)
Accessory	Including top corner line, skirting line, corner wrapping, waterproof tape, sling, structural adhesive, and glue gun	
Loading Quantity	1 40HQ shipping container can hold 1 sets.	

Product Layout

20 FEET, 1 BEDROOM, 2 LIVING ROOMS
20 FEET, 2 BEDROOMS, 2 LIVING ROOMS

40 FEET, 2 BEDROOMS, 2 LIVING ROOMS

40 FEET
3 BEDROOMS
2 LIVING ROOMS
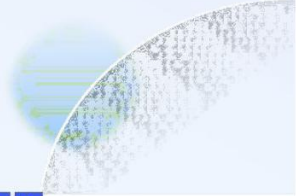
Product Introduction--F700-20FT narrow version expandable folding container house

The expandable folding container has a unique appearance and spatial layout.
The expandable folding structure increases the available space inside the house, creating a larger living space. It can be quickly assembled and disassembled, with a folding width of only 0.7m, making it easy to move to different places. Whether it's outdoor adventure, camping, or home emergency rescue, the folding container house can provide convenient living solutions. Moreover, the occupies a smaller area, with 3 units per 20FT container and 6 units per 40HQ container, which further saves transportation costs.
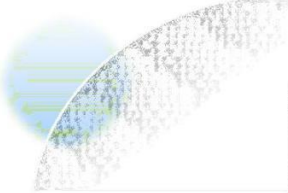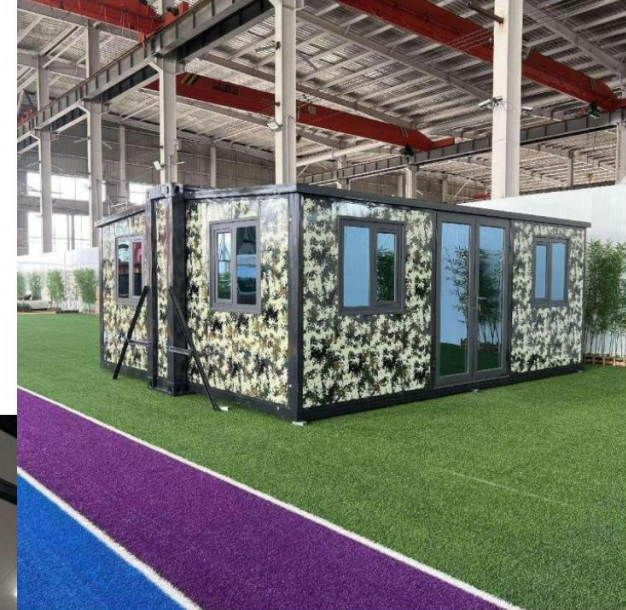
Product Skeleton Diagram
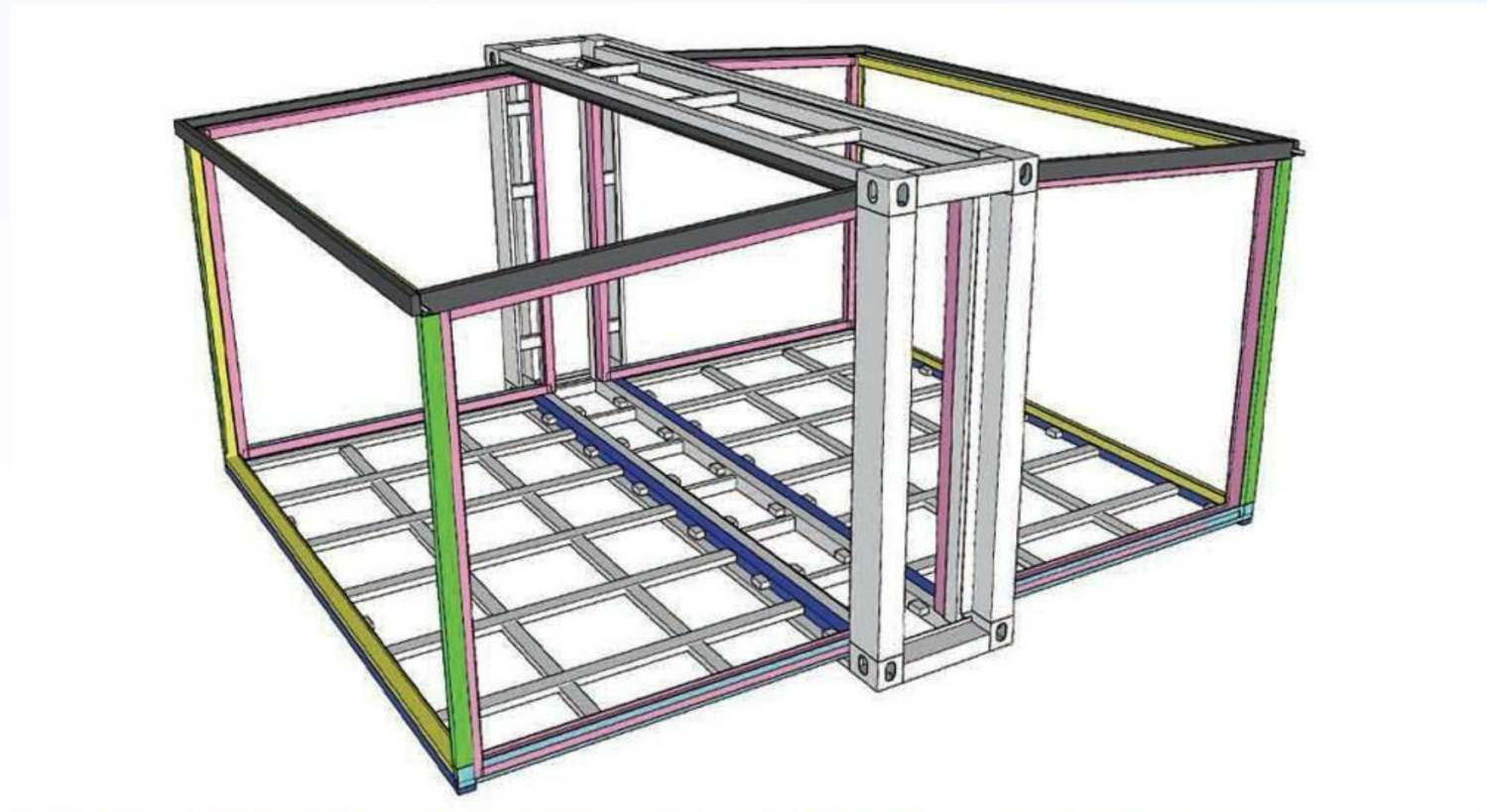
Product Parameters

20FT narrow version expandable folding container house

	Product model	Little 20 feet	House type	One Hall

	Top frame		40*80*1.5mm square tube
Side frame (fully galvanized)	Bottom frame		60*80*2.0mm square tube
	Folding hinge		130mm galvanized hinge
Overall framework protective coating	Spray		Electrostatic spray molding/straight white plastic powder
Roof	External top plate		T50mm EPS color steel plate+corrugated veneer t0.4mm
	Internal ceiling panels		200 type ceiling panel
Wallboard	Side walls, front and rear		T65mm EPS color steel plate
	Inner partition board		T50mm EPS color steel plate
Ground	Center floor		18mm thick fireproof cement fiber floor
	Floor on both sides		Bamboo plywood 18mm thick
Doors and windows	Plastic steel sliding window		920*920mm
	Steel single door		840*2030mm
Electrical system	Circuit breaker system		One 32A leakage protector, Voltage 220V, 50HZ
	Light		Bull 30 * 30 flat lamp, large ceiling lamp
	Socket		Standard international three hole and five hole sockets (socket standards can be configured according to customer requirements)
	Light Switch		Double open, single key switch (switch standard can be configured according to customer requirements)
	Wiring		Incoming Line 6², Air conditioning socket 4², Ordinary socket 2.5², Lighting 1.5². (Circuit that meets certification requirements can be customized according to the country)
Loading Quantity			1 40HQ shipping container can hold 6 sets.

ONE BECROOM, TWO LVING ROOMS TWO BEDROOMS, TWO LIVING ROOMS

**TWO BEDROOMS, TWO
LIVING ROOMS MASTER
BEDROOM TWO
BEDROCMS, TWO LIVING
RDOMS SIDE BEDROOM**

20FT Folding Container House

Folding flat container houses are sturdy and durable, with a sturdy outer shell that is resistant to earthquake and deformation, and has good sealing properties. They can also be assembled to expand usage space, such as conference rooms, dormitories, kitchens, bathrooms, etc. They are easy to disassemble and have superior performance, stable and sturdy performance, good shock resistance, waterproof, fireproof, and corrosion-resistant weight.

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 for offices, dormitories, kitchens, bathrooms, etc. It is easy to disassemble and has superior performance, stable and firm performance, good shockproof performance, waterproof, fireproof, and corrosion-resistant weight.

PRODUCT LAYOUT DIAGRAM

FOLDING PACKING CONTAINER HOUSE

Product Parameters

Prefab flat pack container house configuration parameters

Outer Dimensions (L*W*H)		5800*2400*2896mm	Inside dimension (L*W*H)		5630*2230*2515mm		
Thermal insulation performance		£=0.043W/㎡m.K	Wind-resistant performance		0.50KN/㎡		
Sound insulation performance		Sound transmission loss	Fireproofing grade		A-level		
Waterproof performance		II class	Seismic performance		Level 8		
Ground live load		2.0KN/㎡	Roof live load		0.50KN/㎡		
Structured surface		Electrostatic spraying white	Connection method		High strength bolt connection		

Serial Number		Name	Constituent part	Number	Unit	Notes
1	Main frame (bare steel)	Top frame	170mm, top and side beams 2.3mm-2, top crossbeams -2, purlins of over 50 square steel -6, 20*20*6000 square tubes -2, and 1 set of explosion-proof wire box.	1	set	
2		Bottom frame	160mm, bottom side beam 2.3mm -2 supports, bottom crossbeam -2 supports, purlins of 120 square steel -9 supports	1	set	
3		Pillar system	2535*150*210*2.3mm	4	branch	
4		Top/bottom box corner		1	set	
5		L-angle		1	set	
6		Color steel topping	Color steel veneer 360° bite 0.4mm	1	set	
7		831 ceiling panel	YX28-277-831,0.3mm	1	set	
8		Top insulation	75 thick single foil glass wool 14kg/m³+ PE film	1	set	
9		Drainage	PVC ¢50*2.0*2700	4	piece	
10	Floor	Ground	18mm glass magnesium plate	1	set	
11			1.6mm PVC plastic flooring	1	set	
12	Wallboard	Composite plate	1150 double-sided 0.30mm-75mm rock wool, with a unit weight of 50KG/m³, H-port, with orange peel on one side and plain white on the other, double-sided PE film,	15	piece	
13	Doors and windows	Doors and windows	Steel door 840*2035mm	1	door or window frame	
14			1110*1120mm-2 plastic steel sliding windows, double push and double push, equipped with screen windows and anti-theft guardrails (U-PVC)	2	door or window frame	
15	Electrical equipment	Light	LED decorative light 36W*2	1	set	
16		Socket	10A five hole socket, 3 three hole sockets, 16A, 1 socket			
17		Switch	One concealed distribution box with one single button switch			
18		Wire	2*1.5㎡ * lighting, 3*2.5㎡ socket, 3*4㎡ * air conditioning socket, 3*6㎡ incoming line			
19		Industrial socket	220V 50Hz 3P32A			
20	Decoration	Column wrap angle	2535mm color steel molded parts	4	piece	
21		House bottom	U-shaped flume	1	set	
22	Accessory	Wall panel fasteners	Z-shaped ferrules	1	set	
23		Accessory	Matching screws, drill tail nails, floor nails, cross half round head	1	set	

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Product Introduction

It can be used for medical disaster relief, military barracks, post earthquake resettlement, highways, railways, buildings, wind power, optoelectronics, oil exploration, emergency response of dangerous buildings, etc. Quick and convenient disassembly and assembly, no need for professional construction teams, no construction waste, shortening disassembly and assembly time, no damage for secondary utilization, saving transportation and disassembly costs, beautiful, durable, low-carbon, green, and environmentally friendly.
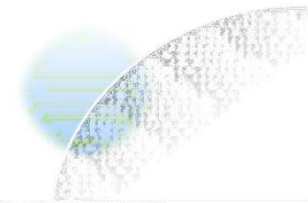
FOLDING PROCESS

Product Parameters

Folding Container House Configuration Parameters

Basic feature	External dimensions (mm)	5800 length*2440 width*2500 height
	Internal dimensions (mm)	5640 length*2320 width*2400 height
	Folding state (mm)	5800 length*2480 width*410 height
	Total mass (kg)	1200
Frame structure	Top main beam	Q235B P-shaped square tube 60×80×1.3mm
	Bottom main beam	Q235B Rectangular square tube 60×140×1.3mm
	Front and rear main beams	Q235B Irregular square tube 60×80×1.2mm
	Side wall frame	Q235B P-shaped square tube 40×80×1.2mm
	Bottom load-bearing capacity	Q235B Rectangular square tube 40×40×1.2mm
	Top load-bearing capacity	Q235B Rectangular square tube 40×40×1.2mm
	Hanging head	Q235B 125*200*4mm
	Center floor	Galvanized hinge 13mm
Roof	Overall framework protective coating	Electrostatic spraying/high gloss white
	External top plate	Corrugated board 0.4mm
	Internal ceiling	Color steel veneer V831*0.25㎜
Wallboard	Insulated glass wool	Fiberglass cotton roll 50mm (bulk density 16 kg)
	Sidewall	50mm composite board 0.23mm +basalt rock wool (bulk weight 50 kg)+-0.1mm
	Front and rear wall	65mm composite board 0.23mm +basalt rock wool (bulk weight 50 kg)+-0.1mm
Floor	Fireproof glass magnesium floor 15mm	
Electrical system	Electrical wiring must be installed strictly in accordance with moisture-proof regulations, and all electrical products must comply with CE certification. Connect the circuit according to the circuit engineering specifications, indoor: incoming line 4 ² National standard soft copper wire, 1 20A circuit breaker, socket inlet 2.5 ², One five hole single opening socket, one air conditioning socket, and one long LED light	
Ordinary anti-theft door	High quality anti-theft door (warm white) Size: 970mm * 970mm	
Window	930 * 930 plastic steel anti-theft integrated window, glass thickness 4mm (warm white)	
Quality assurance	The entire house meets the A-level fire protection standard.	

customer showcase

customer showcase