Flat-packed container offer proposal

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1.1 Product introdution:

The flat packed container is a type of modular house using the steel frame and light weight wall panel system to combine a unit container.

A flat- packed container house consists of top frame, bottom frame, 4 posts and 14 pieces exchangeable wall panels. It can be flattened for easy transporting.

1.2 Features:

A.Flexibility: Can be moved and recycled.

B.Assemble quickly: No need foundation and has short manufacturing period, 2 workers can finish one container in 2 hours.

C.Security: The steel structure is high wind-resistance and earthquake resistance.

D.Durability: The exterior of steel sheet is anti-corrosion and acid resistance, stainless and does not cracking.

E.Sound and heat insulation: The container house is adopt to air-heat prevention design which can provide good sound and heat insulation.

F.Aesthetic: The container house can design various styles.

G.The container house cost less and have high quality.

H.The container house can be stacked. It can stack 3 floors at most. Also flexible to combine for any big size and difference functions.

I.Fast delivery: the standard production capacity is 500 containers per month.

1.3 Application:

1.Construction temporary quarters / Construction temporary office

2.Mining accommodation / office

3.Telecommunication's room

4.Field temporary construction

5.Holiday /Resort cabin

2.1 Standard quotation

Document code: Q-FP-(A+B+C+D)-202006				Date:2020/6/18		
Quotation sheet-Flat packed container						
Product Name	Specification (W*L*H)	Area/unit (m2)	Unit Price (USD$/Unit)	Order qty (UNIT)	Remarks	
A grade flat packed container	2400*5900*2895 **(60mm wall panel)**	14.16	US$3,138.00	8	8 units/40HQ	
B grade flat packed container	2400*5900*2895 **(50mm wall panel)**	14.16	US$2,868.00	8	8 units/40HQ	
C grade flat packed container	2400*5900*2895 **(50mm wall panel)**	14.16	US$2,588.00	8	8 units/40HQ	
D grade flat packed container	2400*5900*2895 **(50mm wall panel)**	14.16	US$2,125.00	8	8 units/40HQ	

Terms:
1)The price above is FOB Guangzhou price, and price is available for 10 days;
2)Payment: By TT, 50% deposit and 50% balance should be paid before loading container;
3)Lead time: within 10 days from the day received the deposit;
4)The price above is base on the above order quantity;
5)The materials & design was follow GB standard.

Main Materials list :See file attached the flat packed container spec.

3.1 Specification

	A-grade Flat packed container materials spec		
Size	Exterior（L*W*h）	5900*2400*2896	Roof type:flat roof
	Interior(L*W*H)	5695*2190*2600	Organized drainage Stackable Floors:≤3
Tecnnical info	Service life of structural design	20 year	Wind Load	0.60kN/㎡
	seismic performance	8 degrees	fire resistance	A Grade
	Floor live load	2.0kN/㎡	Roof live load	0.5kN/㎡
Structure	Corner column	Size:210*150mm,**t=3.0mm,with Galvanized Q235B steel.**
	Roof beam	**Size:180mm,t=3.0mm,with Galvanized Q235B steel.**
	Roof sub beam	Size:C100*40*12*1.5*7 pcs.type C steel,with Q235B steel.
	Floor beam	Size:160mm,**t=3.0mm,with Galvanized Q235B steel.**
	Floor sub beam	Size:C120*50*12*2.0mm*14pcs.,**t=2.0mm,Galvized C steel with 235B steel.**
	Paint	Powder coated with T≧100um
Roof system	Roofing sheet	0.5mm aluminized zinc steel with 360° cover , with grey white color.
	Insulation layer	100mm insulation glasswool with aluminum foil,density≥16kg and A grade fire resistance.
	Celling	**0.5mm aluminized zinc steel sheet,with Hidden nails,grey white color.**
Floor system	Vinyl flooring	**2.0mm PVC flooring**
	Floor board	18mm fiber cement board, density ≥1.3g/m3
Electrical system	LED Light	LED tube*2 sets,36W/set
	Socket	10A-5 hole socket*4pcs, 10A-3 hole socket*1 pcs, single switch 10 A*1 pcs, with GB standard
	Distribution box	Covert distribution box*1 pcs
	Voltage	220V~250V
	Wiring	With service 6㎡ wire , 4㎡ AC wire,2.5㎡ socket wire,lighting wire 1.5㎡ spec.
Wall	Materials	**60mm thickness S-type match sandwich panel with glasswool insulation and with 0.45mm color steel sheet for bothside.**
	Insulation materials	**60mm thickness glass wool,density≥65kg/M3 and A1 grade fire resistance.**
Door	Size	High grade steel doors,size:W850mm×H2030mm
Window	UPVC window	Size: W1130mm×h1100mm×2 pcs;5mm+6A+5mm insulating glassing window with security bar+screen net.
Others items	Corner, column cover	0.5mm aluminized zinc steel,grey white color.
	Skirting	Imitation wood grain PVC skirting

3. 2 Specification

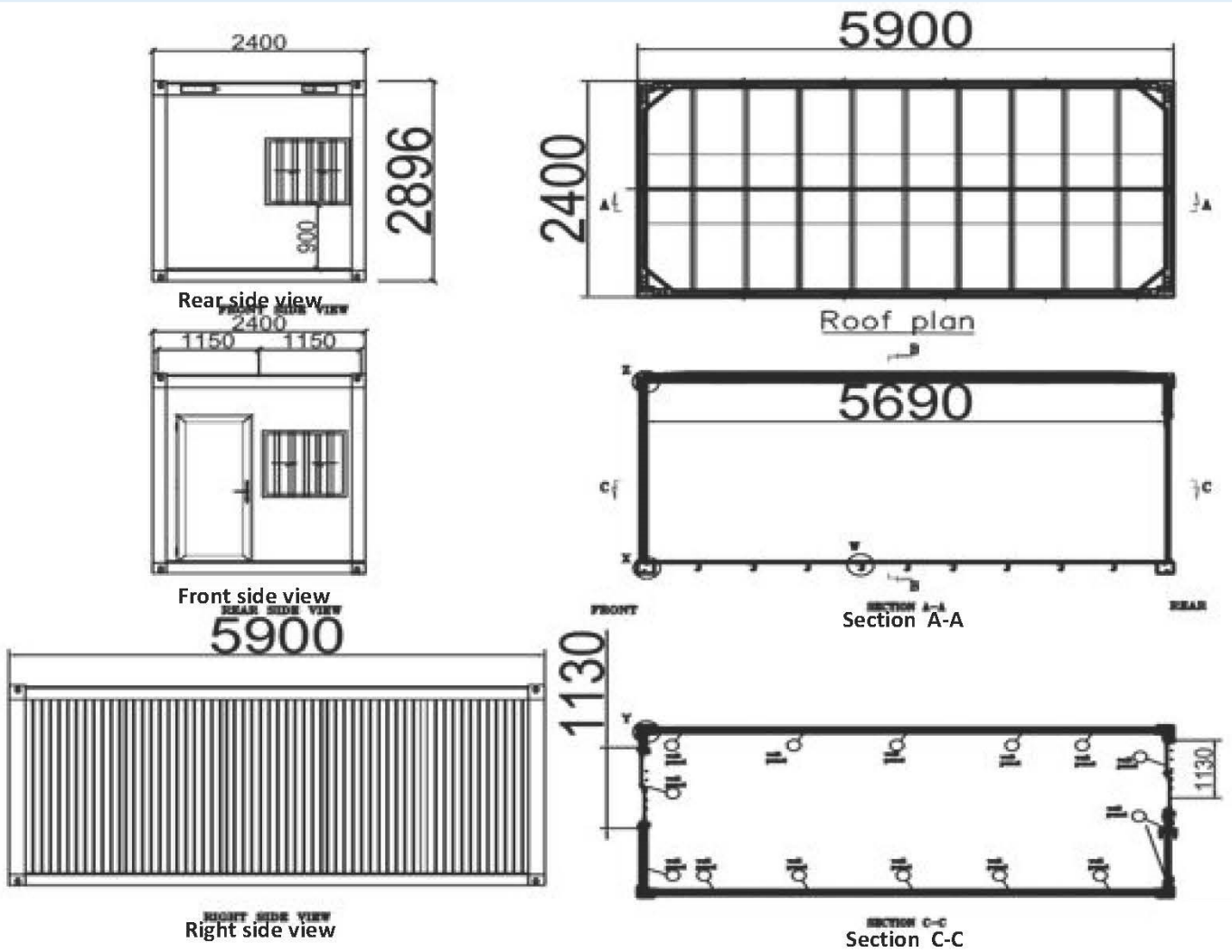| B-grade Flat packed container materials spec				
Size	Exterior（L*W*h）	5900*2400*2896	Roof type:flat roof	
	Interior(L*W*H)	5695*2190*2600	Organized drainage Stackable Floors:≦3	
Tecnnical info	Service life of structural design	20 year	Wind Load	0.60kN/㎡
	seismic performance	8 degrees	fire resistance	A Grade
	Floor live load	2.0kN/㎡	Roof live load	0.5kN/㎡
Structure	Corner column	Size:210*150mm,**t=3.0mm,with Galvanized Q235B steel.**		
	Roof beam	Size:180mm,**t=2.5mm**,with Galvanized Q235B steel.		
	Roof sub beam	Size:C100*40*12*1.5mm*7 pcs.,type C steel,with Q235B steel.		
	Floor beam	Size:160mm,**t=3.0mm,with Galvanized Q235B steel.**		
	Floor sub beam	Size:C120*50*12*2.0mm*9pcs.,**t=2.0mm,Galvanized C steel with 235B steel.**		
	Paint	Powder coated with T≧100um		
Roof system	Roofing sheet	0.5mm aluminized zinc steel with 360° cover , with grey white color.		
	Insulation layer	100mm insulation glasswool with aluminum foil,density≥16kg and A grade fire resistance.		
	Celling	**0.4mm aluminized zinc steel sheet**,with Hidden nails,grey white color.		
Floor system	Vinyl flooring	**1.6mm PVC flooring**		
	Floor board	18mm fiber cement board		
Electrical system	LED Light	LED tube*2 sets,36W/set		
	Socket	10A-5 hole socket*4pcs, 10A-3 hole socket*1 pcs, single switch 10 A*1 pcs, with GB standard.		
	Distribution box	Covert distribution box*1 pcs		
	Voltage	220V~250V		
	Wiring	With service 6㎡ wire , 4㎡ AC wire,2.5㎡ socket wire,lighting wire 1.5㎡ spec.		
Wall	Materials	**50mm thickness match sandwich panel with glasswool insulation and with 0.4mm color steel sheet for bothside.**		
	Insulation materials	**50mm thickness glass wool,density≥65kg/M3 and A1 grade fire resistance.**		
Door	Size	High grade steel doors,size:W850mm×H2030mm		
Window	UPVC window	Size: W1130mm×h1100mm×2 pcs;5mm+6A+5mm insulating glassing window with security bar+screen net.		
Others items	Corner, column cover	0.5mm aluminized zinc steel,grey white color.		
	Skirting	Imitation wood grain PVC skirting		

3. 3 Specification

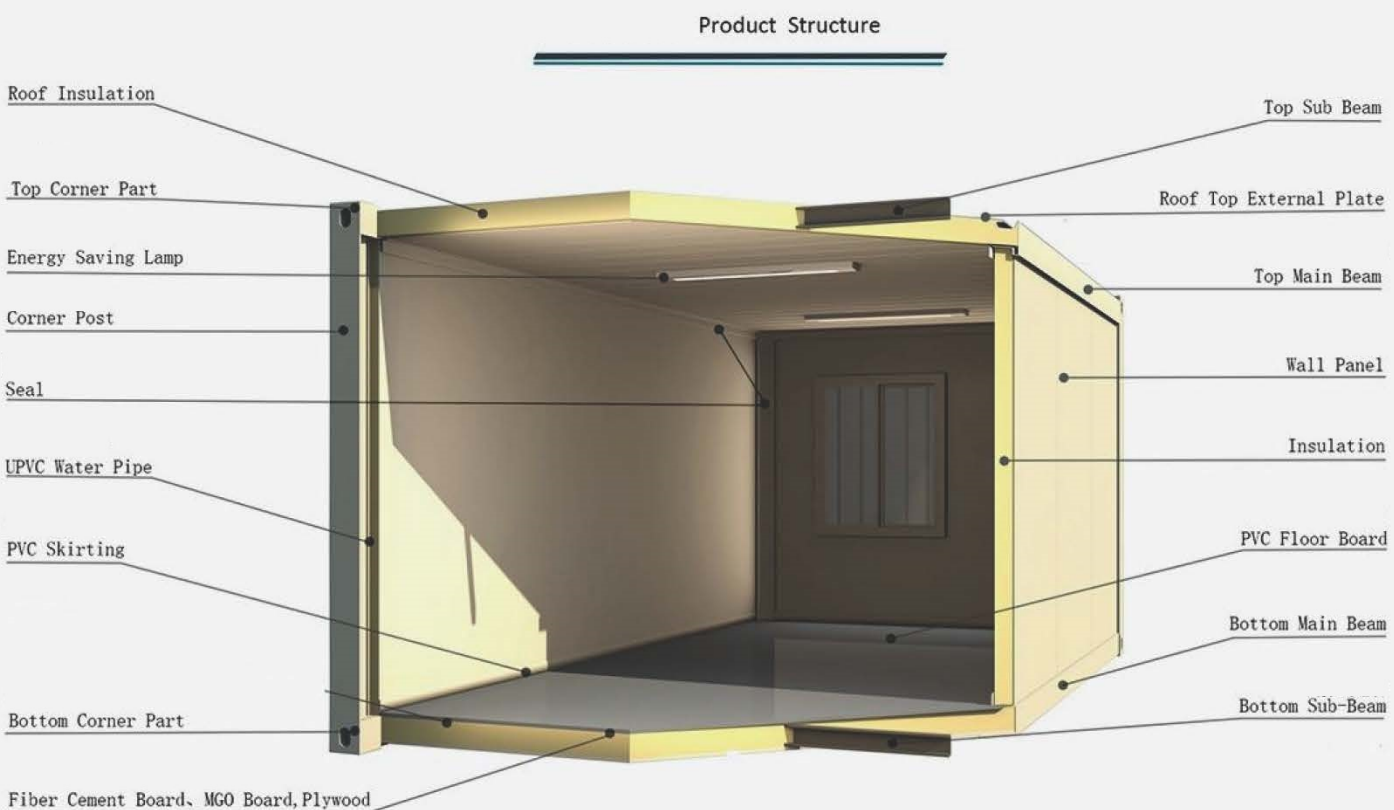| C-grade Flat packed container materials spec				
Size	Exterior（L*W*h）	5900*2400*2896		Roof type:flat roof
	Interior(L*W*H)	5695*2190*2600		Organized drainage Stackable Floors:≤3
Tecnnical info	Service life of structural design	20 year	Wind Load	0.60kN/㎡
	seismic performance	8 degrees	fire resistance	A Grade
	Floor live load	2.0kN/㎡	Roof live load	0.5kN/㎡
Structure	Corner column	Size:210*150mm,**t=2.5mm,with Galvanized Q235B steel.**		
	Roof beam	Size:180mm,**t=2.35mm,with Galvanized Q235B steel.**		
	Roof sub beam	Size:**C100*40*12*1.5mm*7 pcs**.,type C steel,with Q235B steel.		
	Floor beam	Size:160mm,**t=2.5mm,with Galvanized Q235B steel.**		
	Floor sub beam	Size:**C120*50*12*2.0mm*9pcs.,t=1.8mm**,Galvanized C steel with 235B steel.		
	Paint	Powder coated with T≧ 100um		
Roof system	Roofing sheet	**0.4mm aluminized zinc steel** with 360° cover , with grey white color.		
	Insulation layer	**50mm insulation glasswool** with aluminum foil,density≥16kg and A grade fire resistance.		
	Celling	**0.3mm aluminized zinc steel sheet**,with Hidden nails,grey white color.		
Floor system	Vinyl flooring	**1.6mm PVC flooring**		
	Floor board	18mm fiber cement board		
Electrical system	LED Light	LED tube*2 sets,36W/set		
	Socket	10A-5 hole socket*4pcs, 10A-3 hole socket*1 pcs, single switch 10 A*1 pcs, with GB standard.		
	Distribution box	Covert distribution box*1 pcs		
	Voltage	220V~250V		
	Wiring	With service 6㎡ wire , 4㎡ AC wire,2.5㎡ socket wire,lighting wire 1.5㎡ spec.		
Wall	Materials	**50mm thickness match sandwich panel with glasswool insulation and with 0.3mm color steel sheet for bothside.**		
	Insulation materials	**50mm thickness glass wool,density≥60kg/M3 and A1 grade fire resistance.**		
Door	Size	Steel doors,size:W850mm×H2030mm		
Window	UPVC window	**Size: W1130mm×h1100mm×2 pcs;Single glassing window with security bar+screen net.**		
Others items	Corner, column cover	0.5mm aluminized zinc steel,grey white color.		
	Skirting	Imitation wood grain PVC skirting		

3.4 Specification

D-grade Flat packed container materials spec					

Size	Exterior（L*W*h）	5900*2400*2896	Roof type:flat roof ||
	Interior(L*W*H)	5695*2190*2600	Organized drainage Stackable Floors:≤3 ||
Tecnnical info	Service life of structural design	20 year	Wind Load	0.60kN/㎡
	seismic performance	8 degrees	fire resistance	A Grade
	Floor live load	2.0kN/㎡	Roof live load	0.5kN/㎡
Structure	Corner column	Size:210*150mm,**t=2.5mm,with Galvanized Q235B steel.**			
	Roof beam	Size:180mm,**t=2.3mm,with Galvanized Q235B steel.**			
	Roof sub beam	Size:**C100*40*12*1.3mm*7 pcs**.,type C steel,with Q235B steel.			
	Floor beam	Size:160mm,**t=2.5mm,with Galvanized Q235B steel.**			
	Floor sub beam	Size:**C120*50*12*2.0mm*9pcs.,t=1.8mm**,Galvanized C steel with 235B steel.			
	Paint	Powder coated with T≧ 100um			
Roof system	Roofing sheet	**0.4mm aluminized zinc steel** with 360° cover , with grey white color.			
	Insulation layer	**50mm insulation glasswool** with aluminum foil,density≥16kg and A1 grade fire resistance.			
	Celling	**0.3mm aluminized zinc steel sheet**,with Hidden nails,grey white color.			
Floor system	Vinyl flooring	/			
	Floor board	**18mm MGO floor board**			
Electrical system	LED Light	/			
	Socket	/			
	Distribution box	/			
	Voltage	/			
	Wiring	/			
Wall	Materials	**50mm thickness match sandwich panel with glasswool insulation and with 0.3mm color steel sheet for bothside.**			
	Insulation materials	**50mm thickness glass wool,density≥60kg and A1 grade fire resistance.**			
Door	Size	Steel doors,size:W920mm×H2030mm			
Window	Aluminium window	**Size: W920mm×H1200mm×2 pcs;Single glassing window with security bar.**			
Others items	Corner, column cover	0.4mm aluminized zinc steel,grey white color.			
	Skirting	/			

4. 1 Design drawing

2400

2896

900

Rear side view

FRONT SIDE VIEW

2400

1150   1150

Front side view

REAR SIDE VIEW

5900

Right side view

5900

2400

Roof plan

5690

Section A-A

FRONT   SECTION A-A   REAR

1130

1130

Section C-C

SECTION C-C

4. 2 Design drawing

Product Structure

Roof Insulation

Top Corner Part

Energy Saving Lamp

Corner Post

Seal

UPVC Water Pipe

PVC Skirting

Bottom Corner Part

Fiber Cement Board、MGO Board、Plywood

Top Sub Beam

Roof Top External Plate

Top Main Beam

Wall Panel

Insulation

PVC Floor Board

Bottom Main Beam

Bottom Sub-Beam

5.1 Accommodation project

5.2 Office project

5.3 School project

Flat packed container

Detachable container

Portable cabin

Portable home

Steel structure warehouse/building

Steel villa house

Prefab office

Prefab worker camp

Please contact us for more details!