EXPANDABLE SOLUTIONS INC

Expandable Solutions Specialists

WEB SITE

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www.Expandablesolution.com

EXPANDABLE UNITS

Quick, Efficient and Affordable Solutions

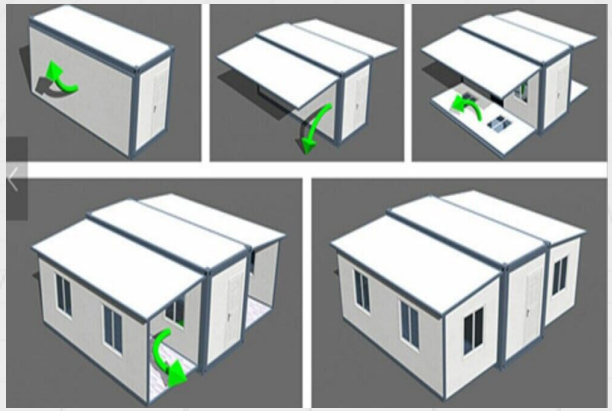
EXPANDABLE SOLUTIONS INC

EXPANDABLE SOLUTIONS INC
Expandable Solutions Specialists

Our Mission: To provide cost-effective, scalable solutions that cater to a diverse range of customers.

CONTENTS

- Concept and Feature..... P3
- Configuration.....P4
- Product Sections View.....P5
- Product Specifications View P6
- Electric Circuit Diagram P7
- Door and Window Sizes.....P8
- 3D Display.....P9
- 20 Foot Design Layout.....P10
- 30 Foot Design Layout P11-12
- 40 Foot Design Layout.....P13-14
- 20 Foot Mini Design Layout.....P15
- 10 Foot Mini Design Layout.....P16
- Physical and Customer Display.....P17
- In Room Display and Electrical.....P18
- Materials and Parts Display.....P19
- Exterior Wall Color Options.....P20-21
- Interior Wall Color Options.....P22-23
- Interior Floor Color.....P24
- Interior Bathroom Options.....P25
- Door and Window Options.....P26
- Power Options.....P27
- Trim and Appliance option.....P28-29
- Off Grid Solar Power Option.....P30







CONCEPT AND FEATURES OF EXPANDABLE UNITS

Expandable Solutions products are quick easy to assemble! The production and approximate delivery period is around 60-90 days. The units come folded to save space and costs during transportation. Units include electricity and plumbing. Units are quickly and easily installed and can be moved and reassembled! Scalable solutions that cater to a diverse range of customer needs!

Flexibility and mobility

- Flexible structural design
- Quick disassembly, relocation, and assembly
- Ideal for temporary buildings and mobility needs
- Perfect do it yourself project

Customizable

- Customizable structures and interior layouts
- Flexibility in room sizes, kitchen, bathrooms, etc.
- Tailored to specific requirements and purposes

Quick installation

- Prefabricated and modular design
- Quick and easy installation
- Shortened construction time and increased efficiency
- Savings in labor and cost

Diversified applications

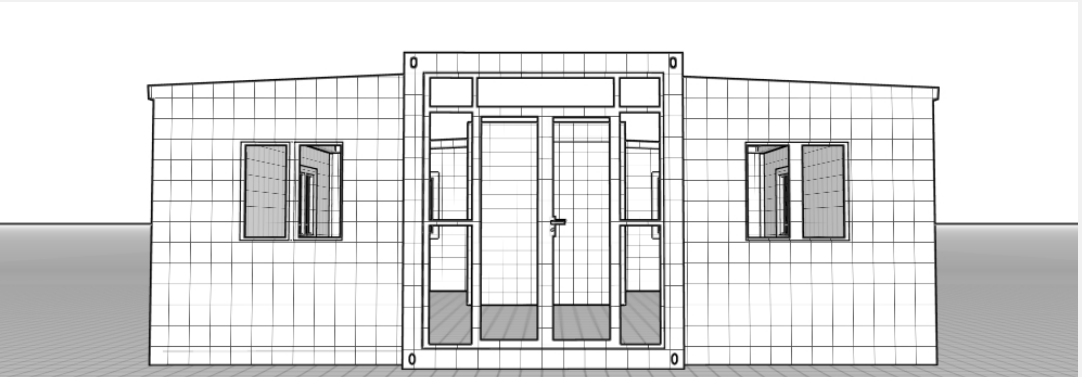
- Temporary housing,Offices
- Commercial purposes
- Storage
- Medical facilities
- Tourism and hotel industry

Sturdy and durable

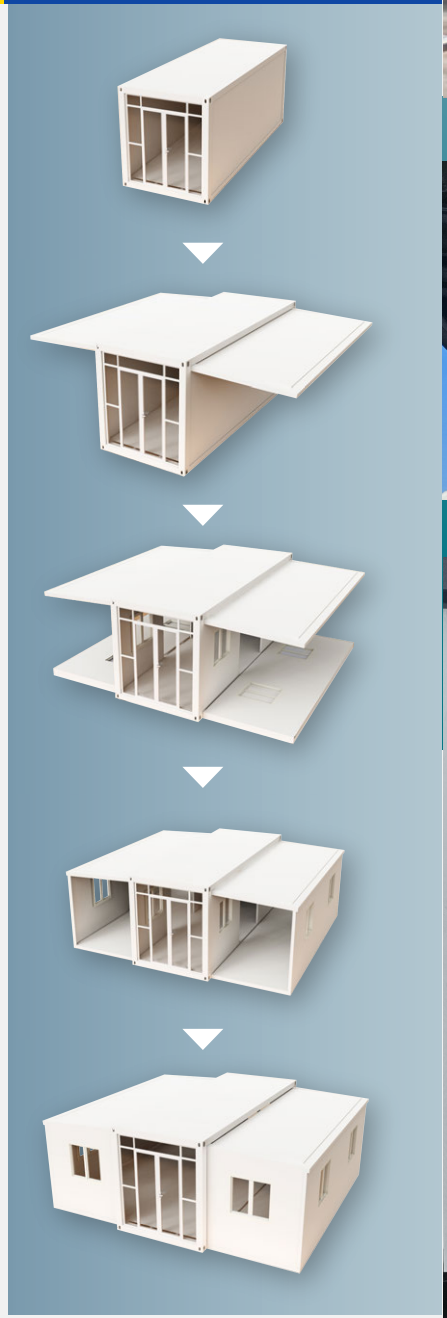
- Made from high-strength steel
- Adaptability to harsh environments and climates
- Long lifespan and stable performance

Environmental protection and energy saving

- Environmental-friendly materials Reduced energy consumption and environmental impact



INSTALLATION PROCEDURE



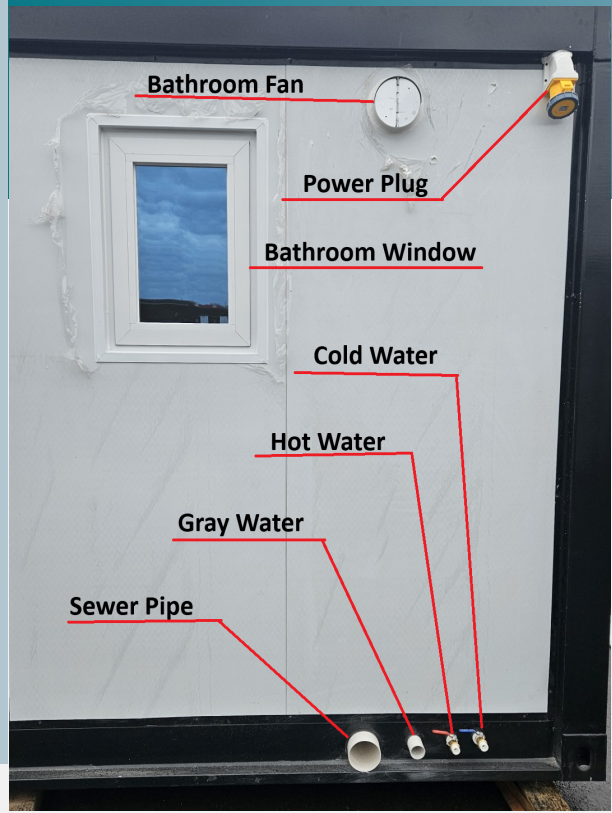
Quick and Easy Set up under a day!



BOTTOM OF UNITS FLOOR

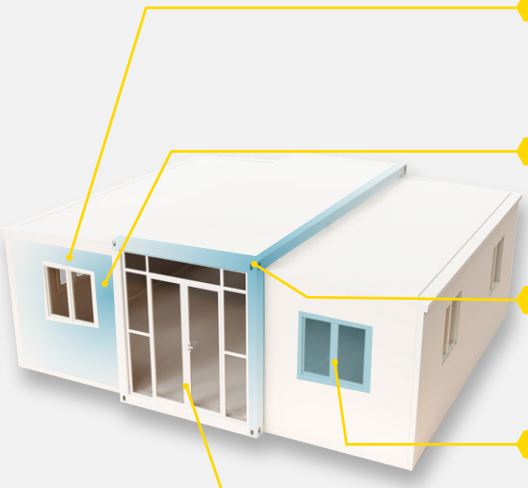


POWER AND PLUMBING



CONFIGURATIONS





Exterior wall panels
(8materials to choose from)

Metal carving plate
(optional)

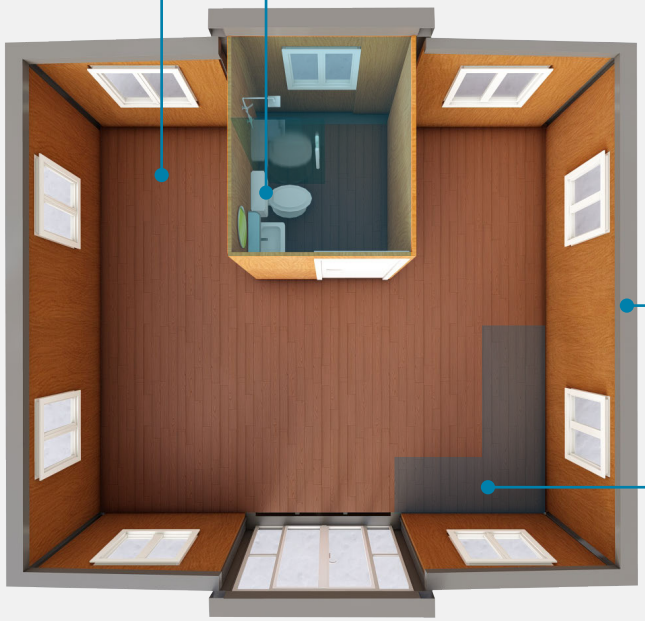
Frame
(3 colors to choose from)

Windows
(3 materials to choose from)

Door
(3 materials to choose from)

Flooring

Bathroom
4 standards
to choose from

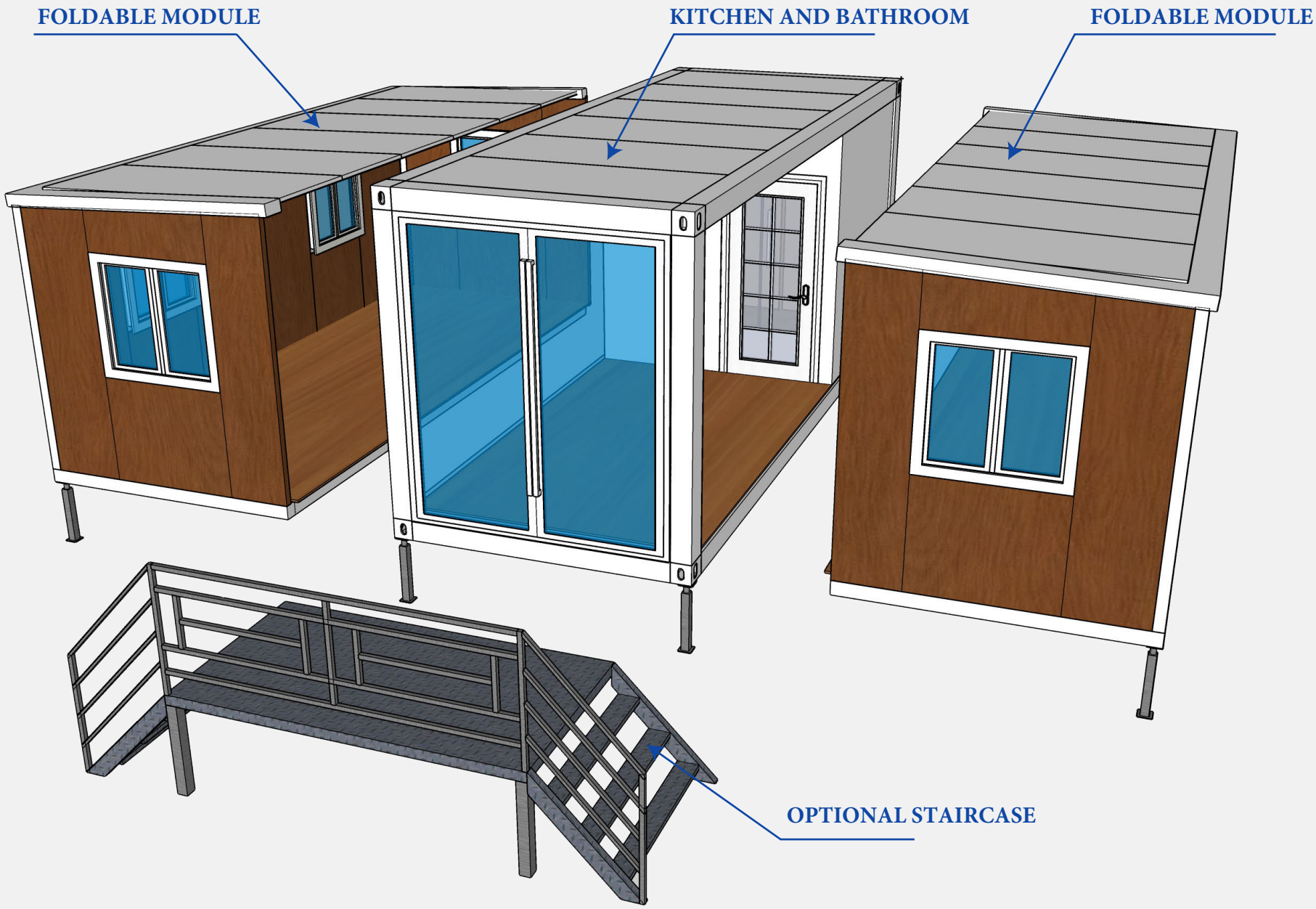


Electricity distrbution
4 standards
to choose from

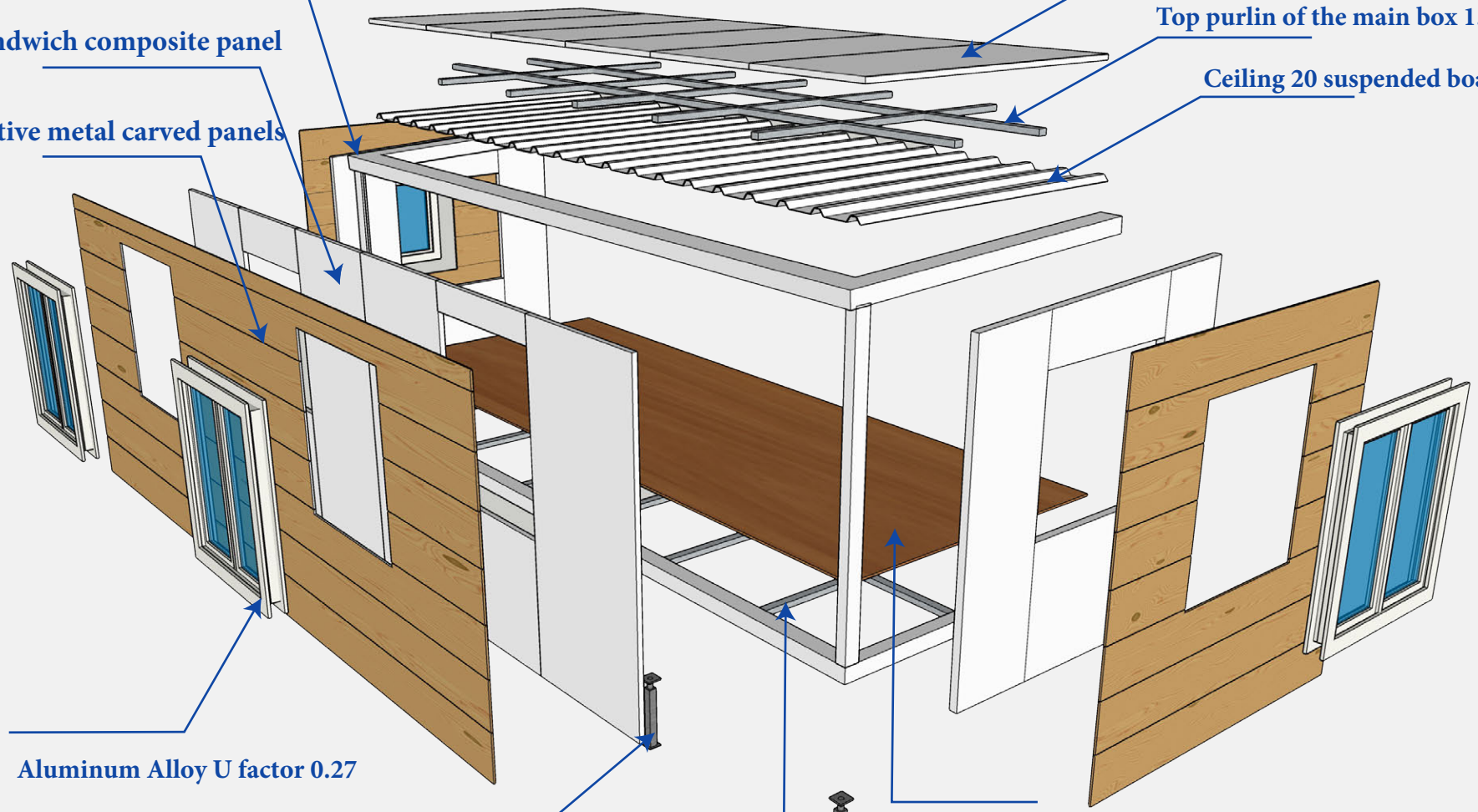
Cabinets
2 configurations
available



PRODUCT SECTION VIEW



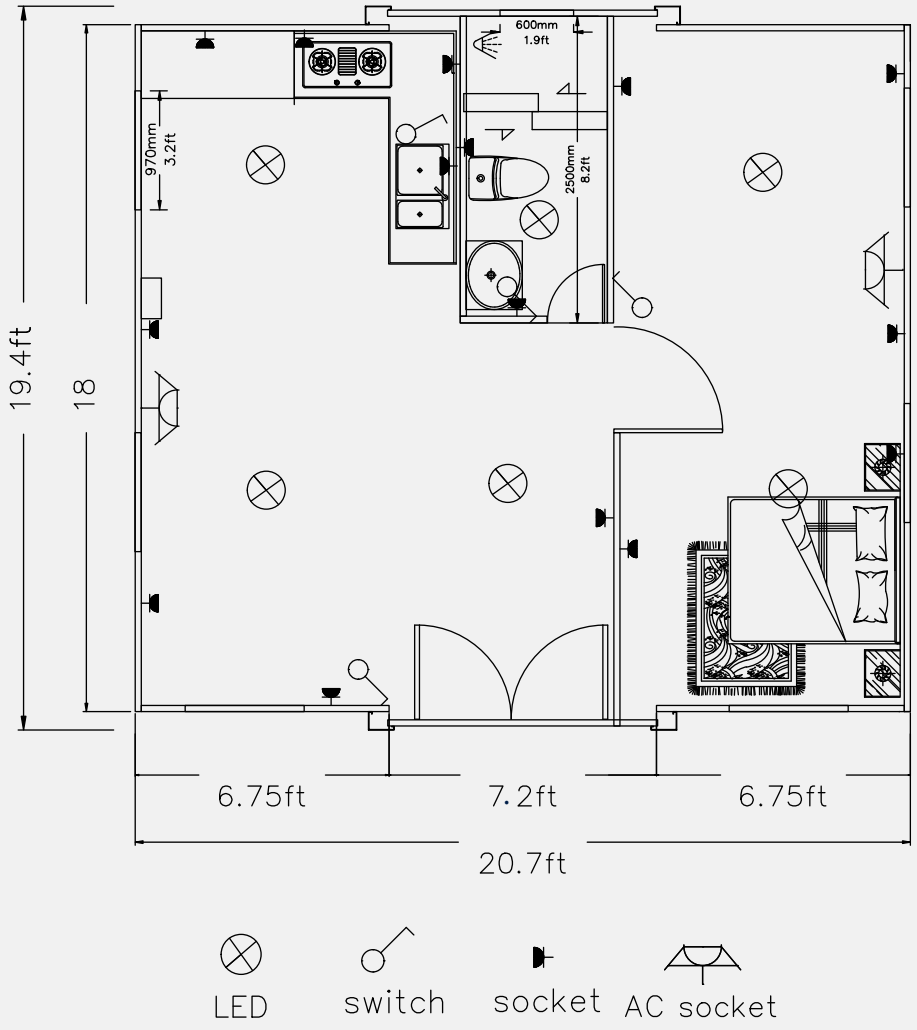
SPECIFICATION

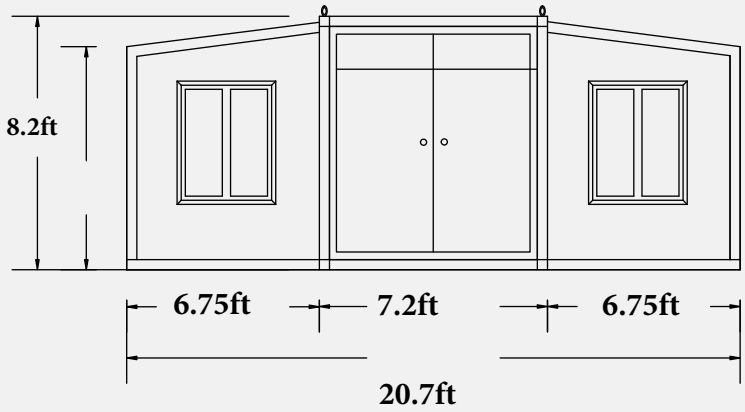


NOTE: Each Inch of EPS Sandwich composite panel is equal to R-4 Insulation. We offer a variety of thicknesses tailored to customer requests

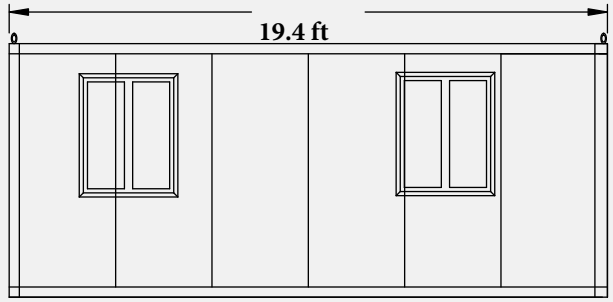
ELECTRIC SPECIFICATION DRAWING

CIRCUIT DIAGRAM

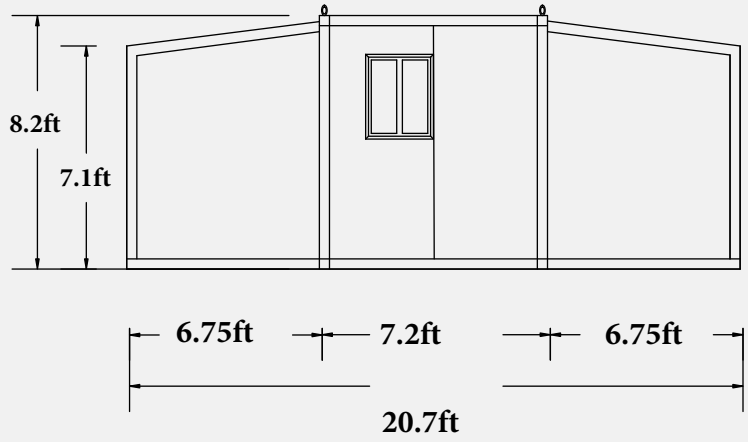




Front view

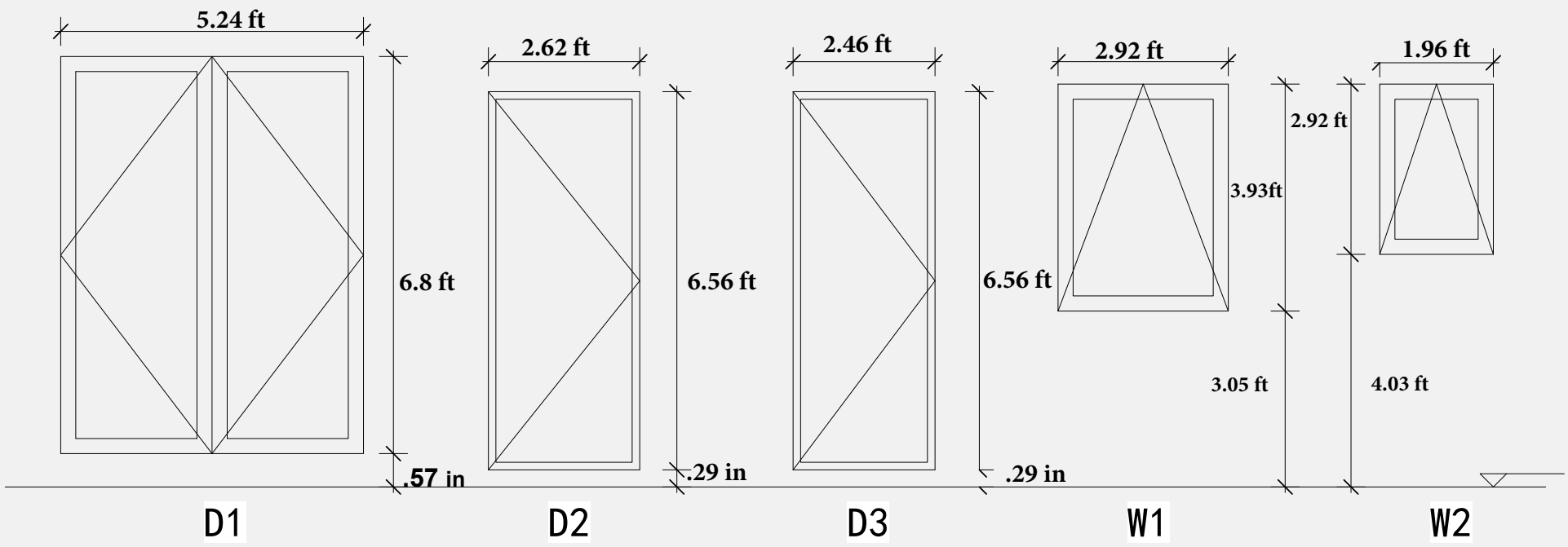


Left view



Back view

FACADE OF DOORS AND WINDOWS



Facade of Doors and Windows

Serial Number	Name	Height	Width	Ground Height	H	Frame Color of Door/Window	Quantity
D1	Aluminum Alloy Double Glass Double Door	82.6"	62.9"	6.92"	89.60"	Black	1
D2	Wooden Door with Steel Frame	78.74"	31.49"	3.54"	82.28"	White	2
D3	Wooden Door with Steel Frame	78.74"	29.52"	3.54"	82.28"	White	1
WI	Aluminum Alloy Double Glass Top-Hung Window	47.24"	35.43"	36.61	83.85"	Black	4
WI	Aluminum Alloy Double Glass Top-Hung Window	35.43"	23.62"	48.42"	83.85"	Black	2

List of Doors and Windows

3D APARTMENT DISPLAY







TYPES AND SPECIFICATIONS

20 FT BASIC CHARACTERISTICS





External Dimensions (feet)

(W) 20.7' x (L) 19.35' (H) 8.1

Internal Dimensions (Feet)

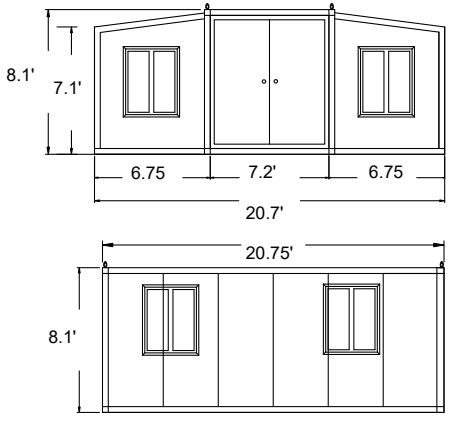
(W) 20.18 x (L) 18.24' (H) 8.1'

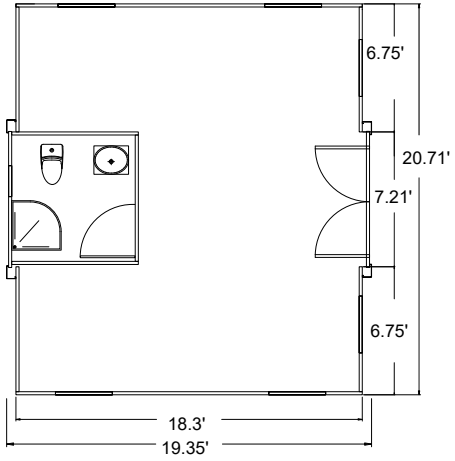
Folded Dimensions (Feet)

(W) 7.2' x (L) 19.35' x (H) 8.1'

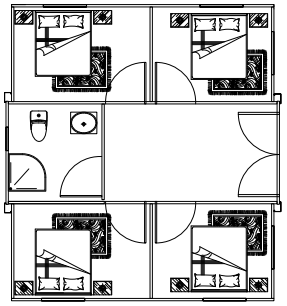
Total Weight (lbs)

Approximately 8000lbs

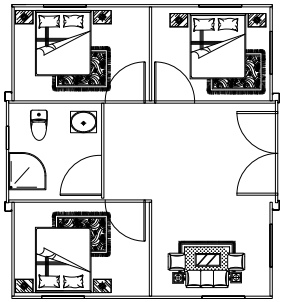




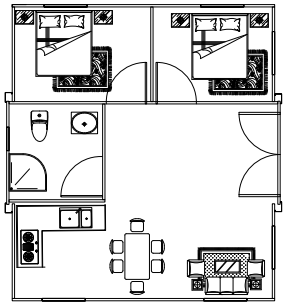
20 Foot Layout



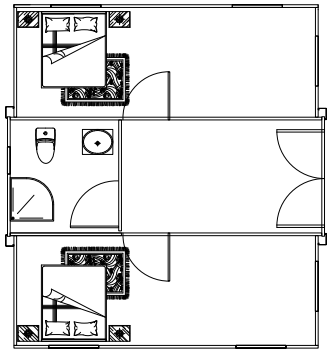
20FT - 001



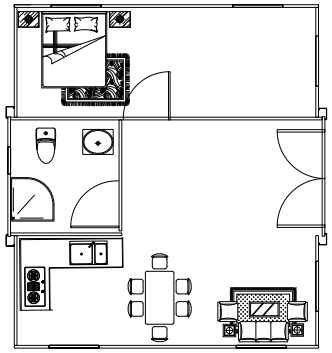
20FT - 002



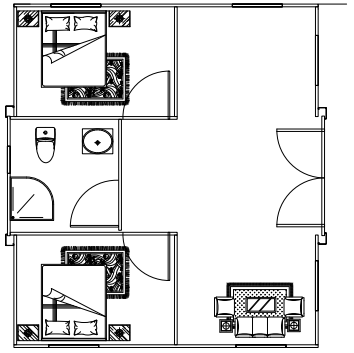
20FT - 003



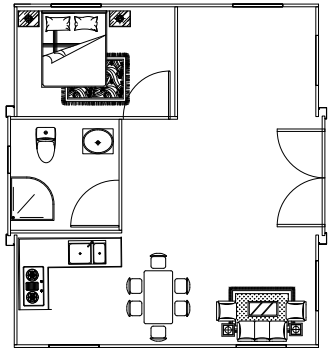
20FT - 004



20FT - 005



20FT - 006



20FT - 007

30 FT BASIC CHARACTERISTICS





External Dimensions (Feet):

(W) 20.7' x (L) 29.5' x (H) 8.1

Internal Dimensions (Feet):

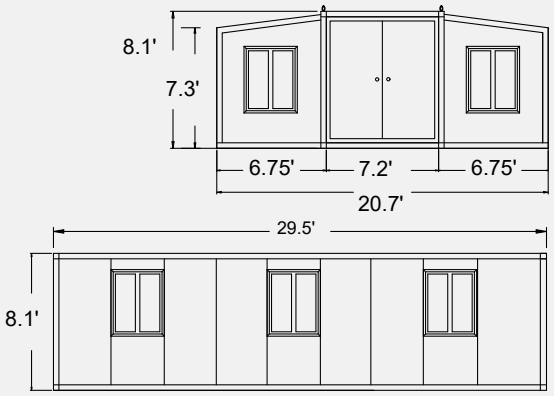
(W) 20' x (L) 28.5' x (H) 8.1'

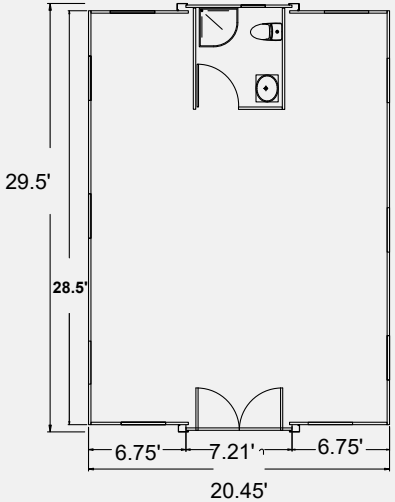
Folded Dimensions (Feet):

(W) 7.21' x (L) 29.5' (H) 8.1'

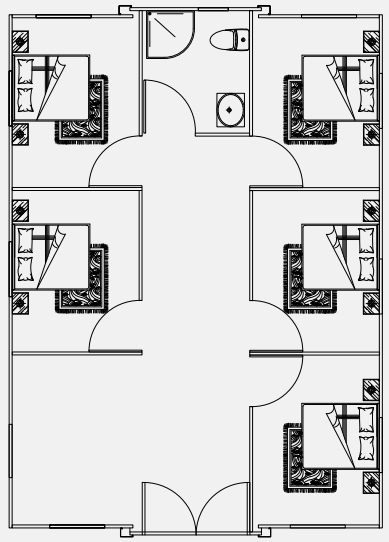
Total Weight (lbs):

Approximately 9000lbs

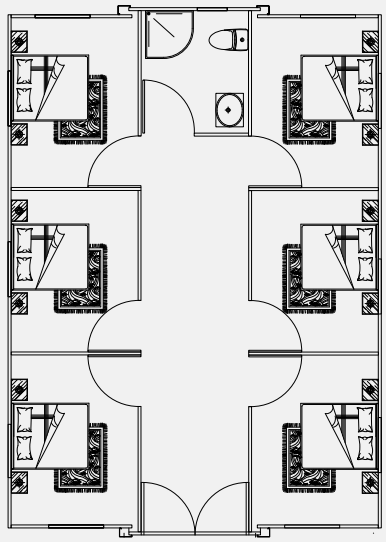




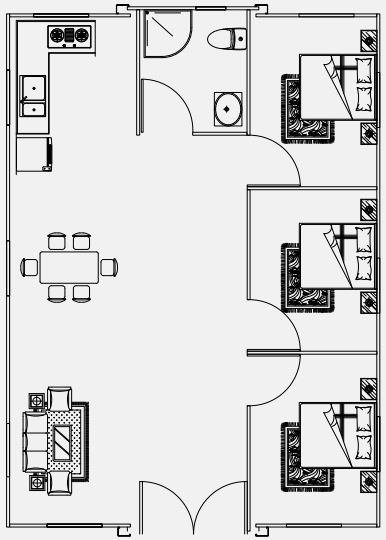
30 Foot Layout Options



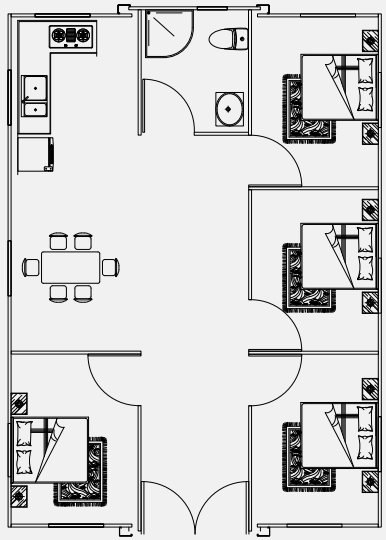
30FT - 001



30FT - 002

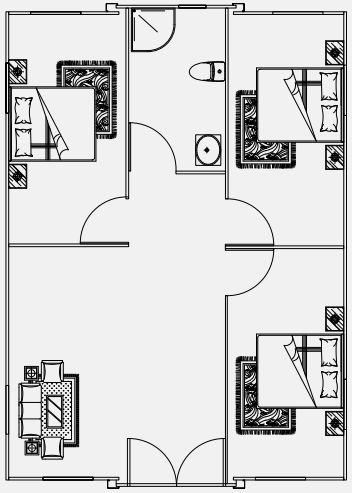


30FT - 003

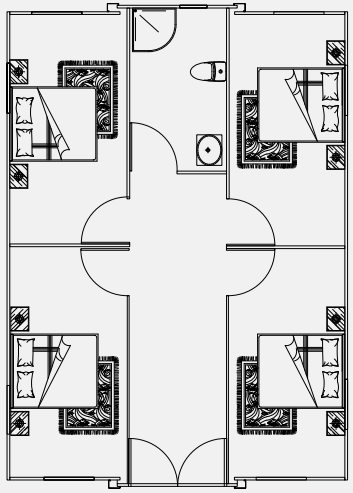


30FT - 004

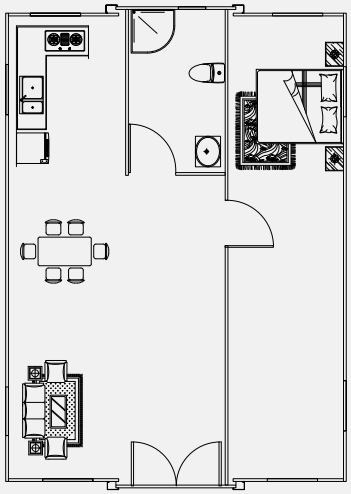
30 Foot Layout



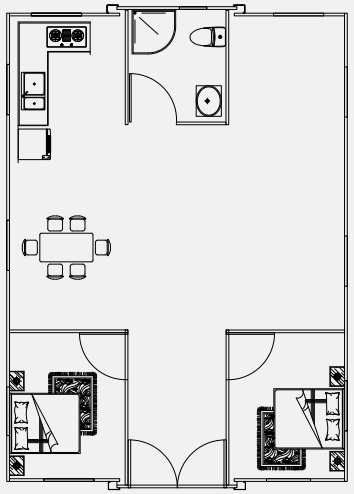
30FT - 005



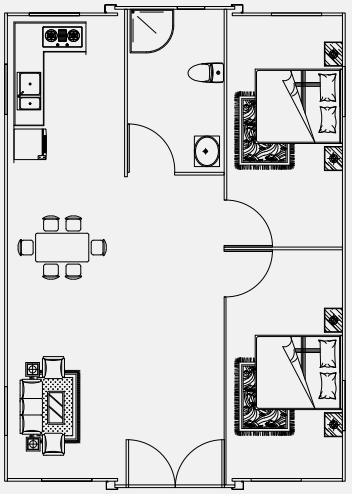
30FT - 006



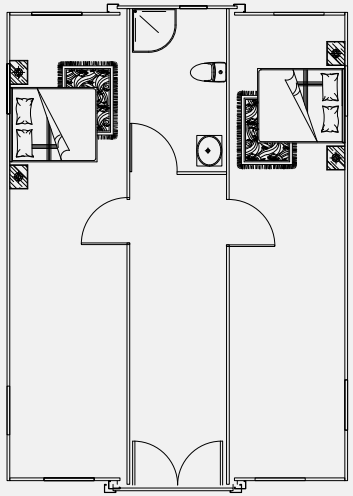
30FT - 009



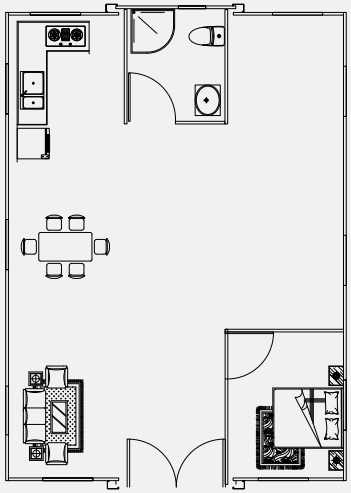
30FT - 010



30FT - 007



30FT - 008



30FT - 011

40 FT BASIC CHARACTERISTICS





External Dimensions (Feet)

(W) 20.4' (L) 38.8" x (H) 8.1

Internal Dimensions (Feet)

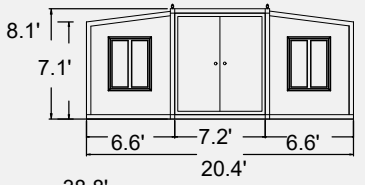
(W) 20' x (L) 37.8' x (H) 7.21'

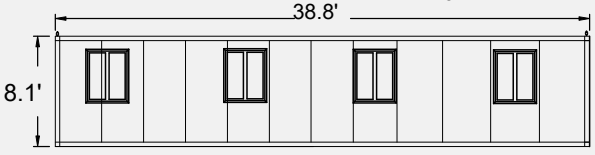
Folded Dimensions (Feet)

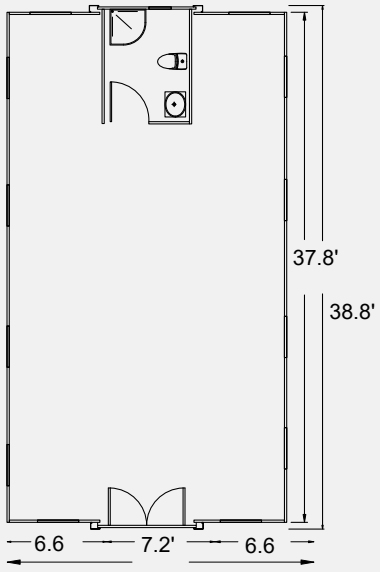
(W) 7.21' x (W) 38.75' (H) 8.1'

Total Weight (lbs):

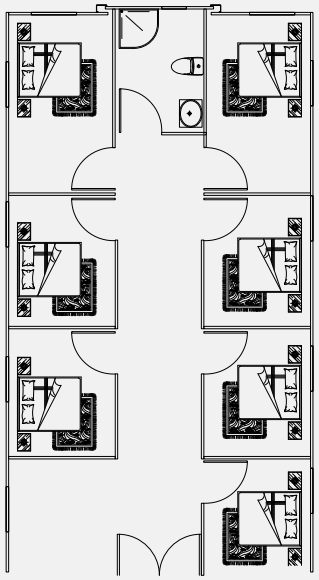
Approximately 10,000



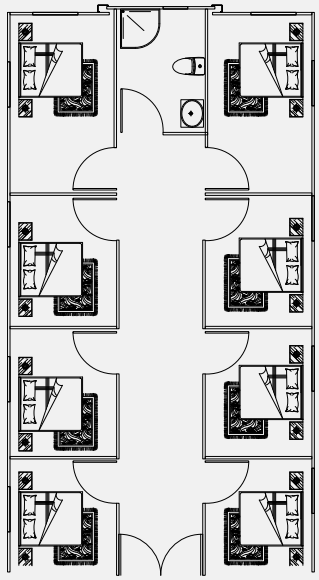




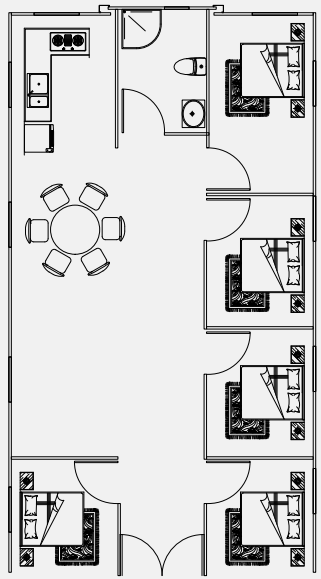
40 Foot Layout



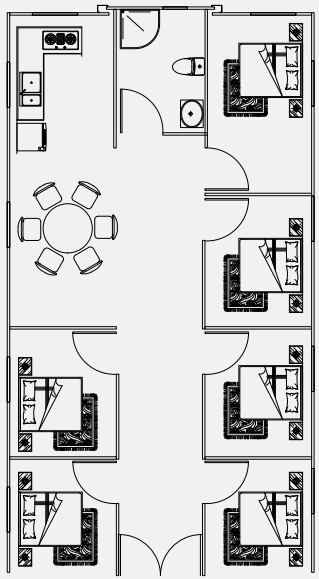
40FT - 001



40FT - 002

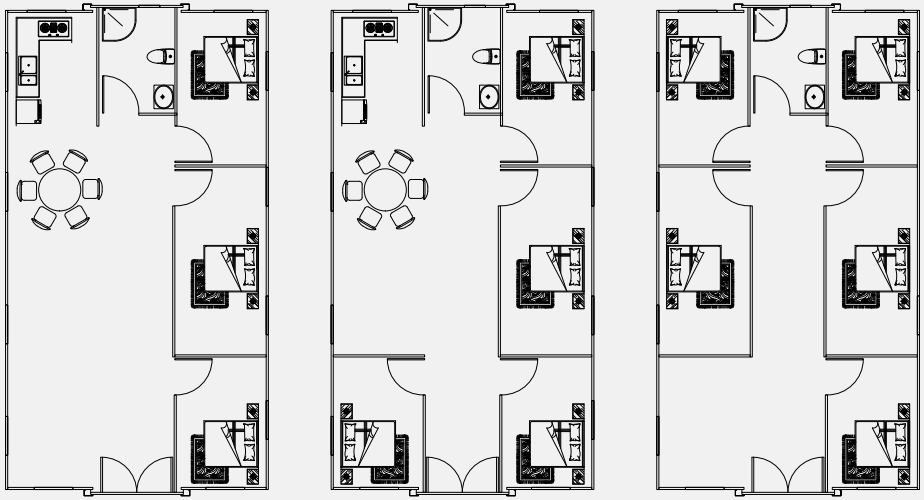


40FT - 003

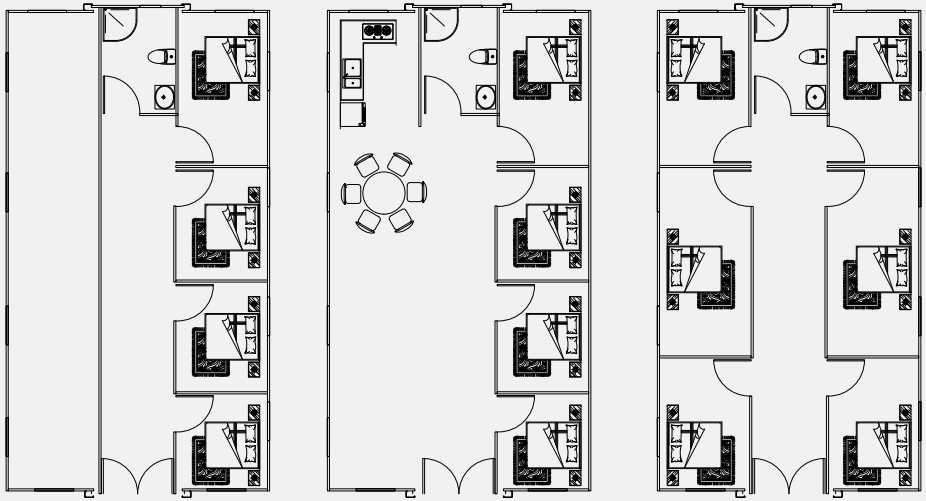


40FT - 004

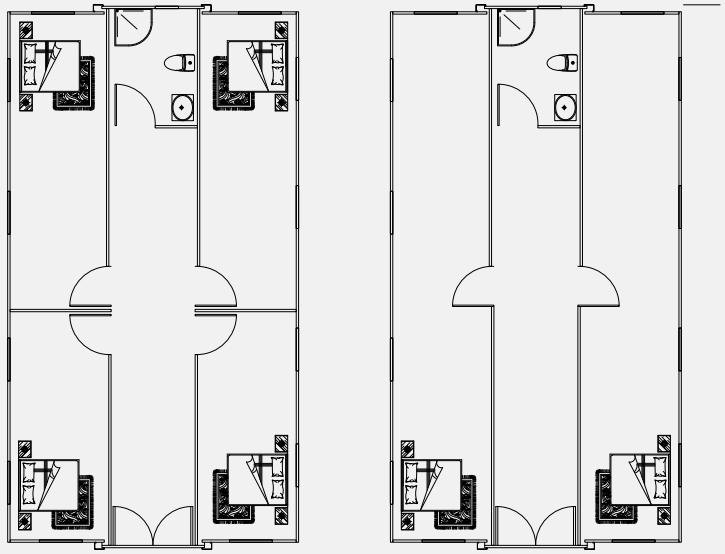
40ft layout



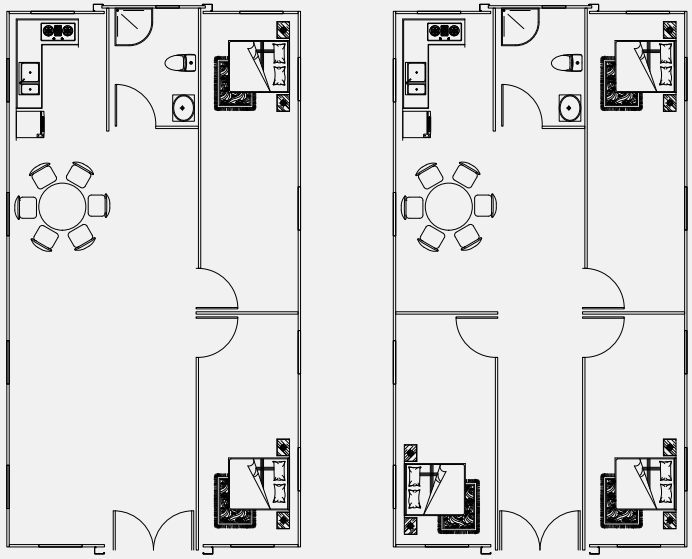
40FT - 005 40FT - 006 40FT - 00-7



40FT - 010 40FT - 011 40FT - 012



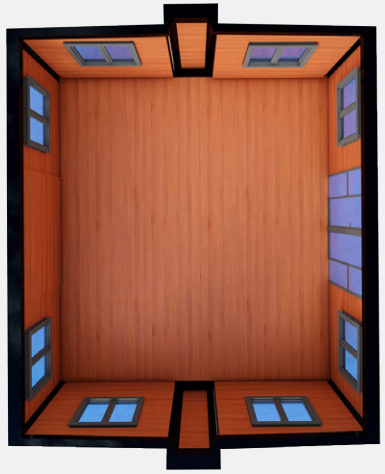
40FT - 008 40FT - 009



40FT - 013 40FT - 014

20 FT MINI





External Dimensions (Feet):

(W) 15.8' x (L) 19.3' x (H) 8.1'

Internal Dimensions (Feet):

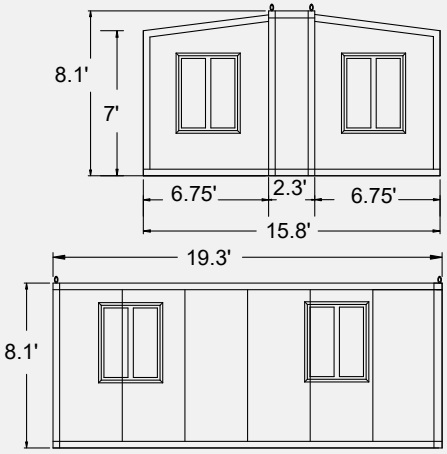
(W) 15.2* (L) 18.3' x (H) 8.1'

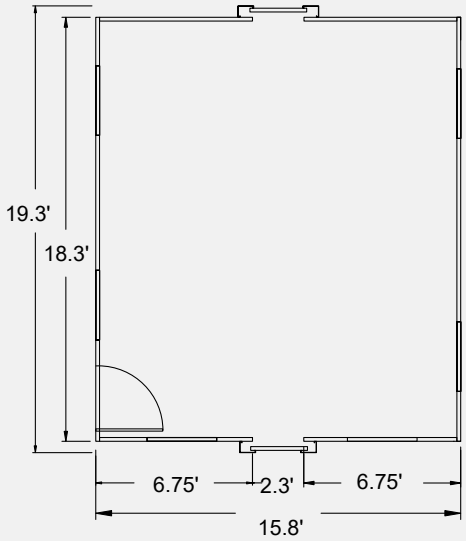
Folded Dimensions (Feet):

(W) 2.29' x (L) 19.3' x (H) 8.1'

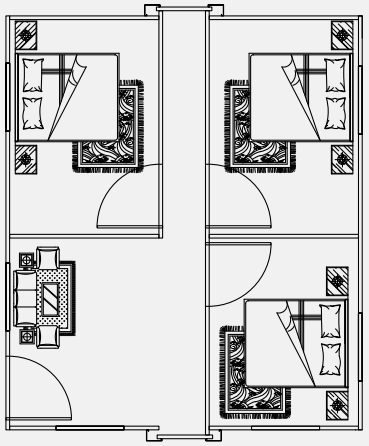
Total Weight (LBS):

Approximately 4200lbs

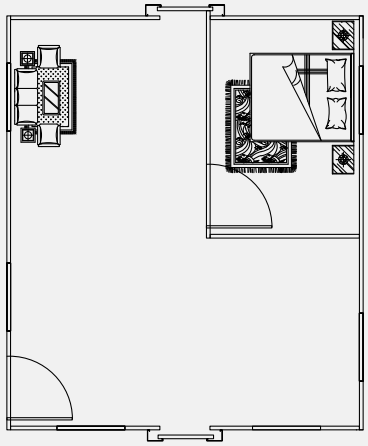




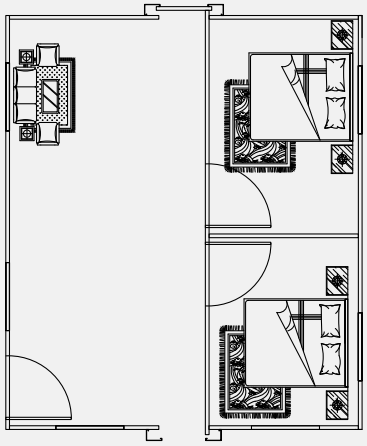
20 Foot Mini Layout



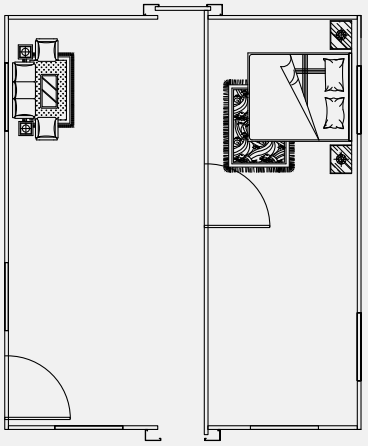
20FT MINI - 001



20FT MINI - 002



20FT MINI - 003



20FT MINI - 004

10 FT MINI

10 Foot Mini Layout





External Dimensions (Feet):

(L) 9.6' x (W) 20.6' x (H) 8.1'

Internal Dimensions (Feet):

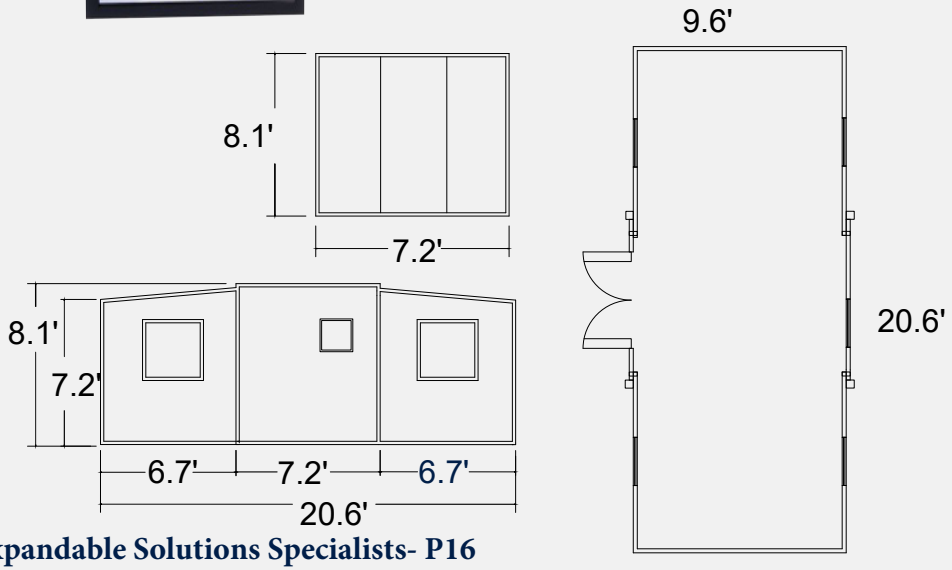
(L) 7.8' x (W) 20.1' x (H) 7.3'

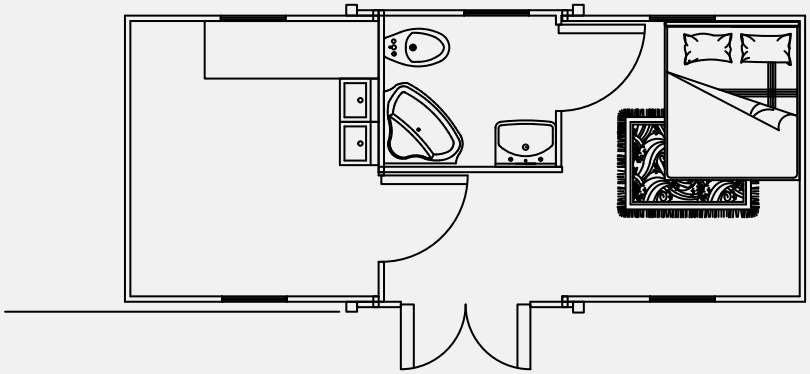
Folded Dimensions (Feet):

(L) 9.6' (W) 7.2' (H) 8.1'

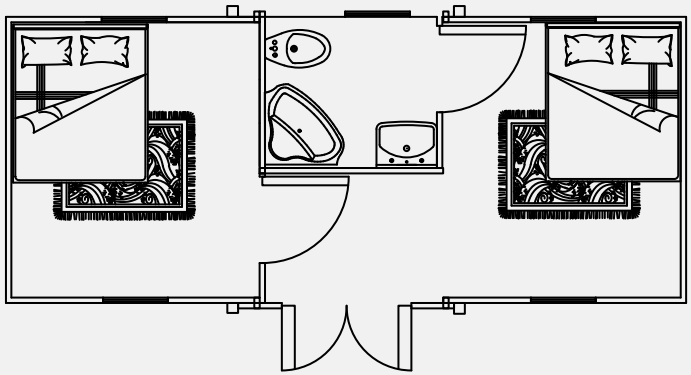
Total Weight (lbs):

Approximately 2700lbs





10FT MINI - 001



10FT MINI - 002

PHYSICAL DISPLAY



CUSTOMER DISPLAY



FACTORY PHYSICAL DISPLAY



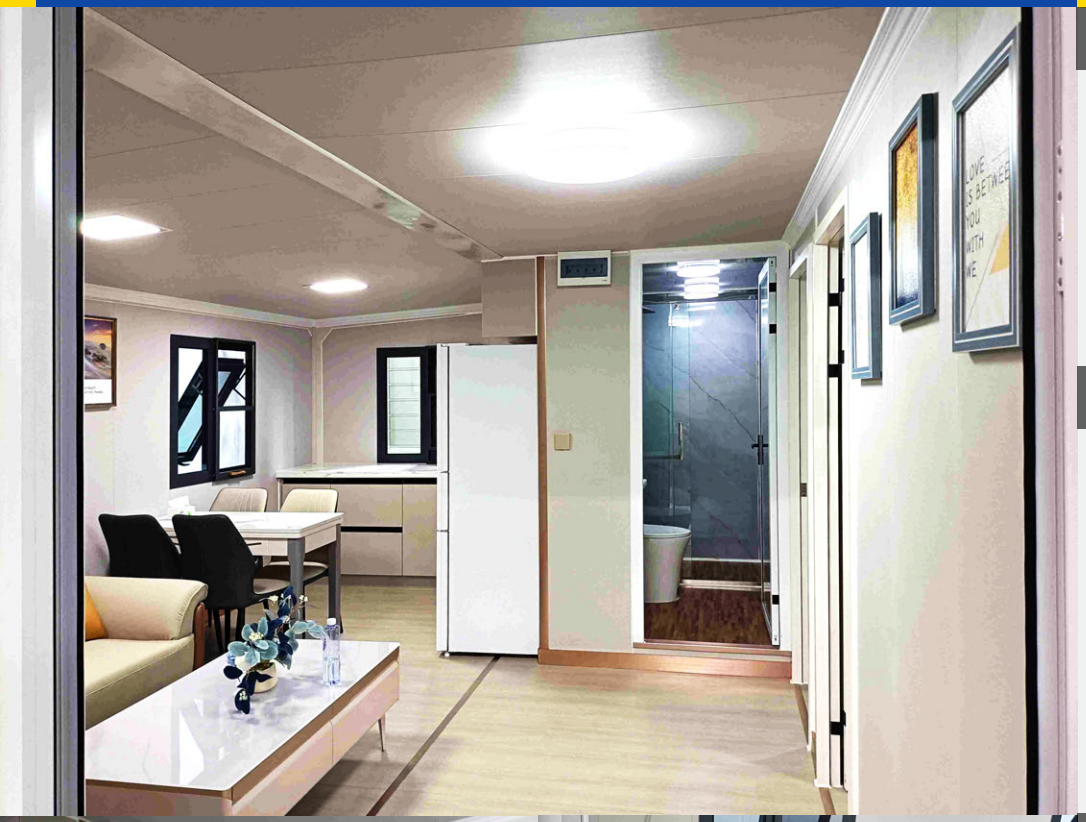


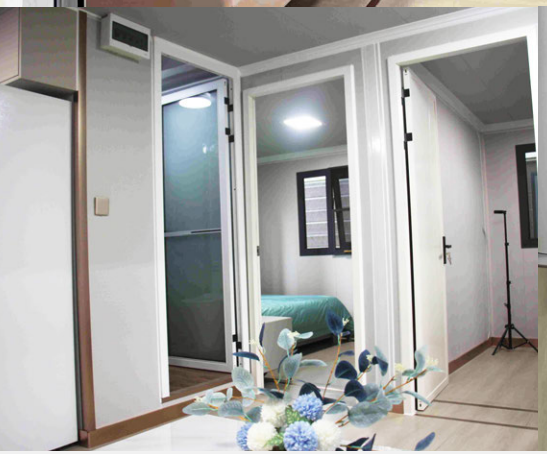
PROJECT RENDERINGS SHOW





IN-ROOM DISPLAY







ELECTRICAL

Sockets



Electrical Box-Inside 50 amp



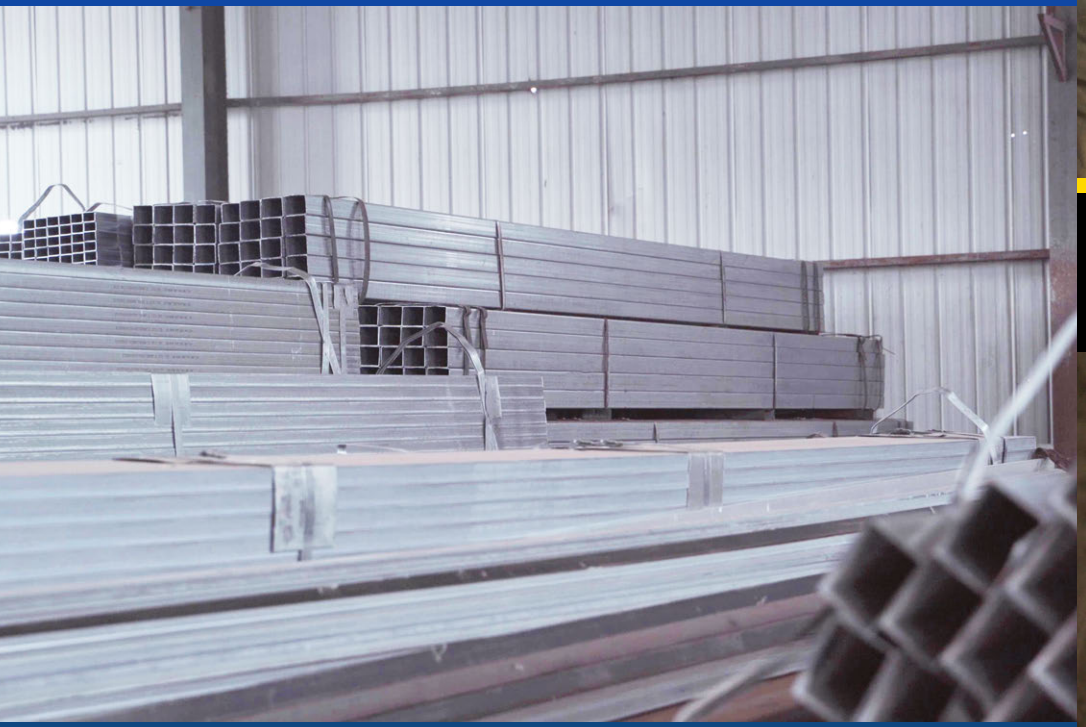
External distribution



MATERIAL AND PARTS DISPLAY



INTERNAL FACTORY ENVIRONMENT

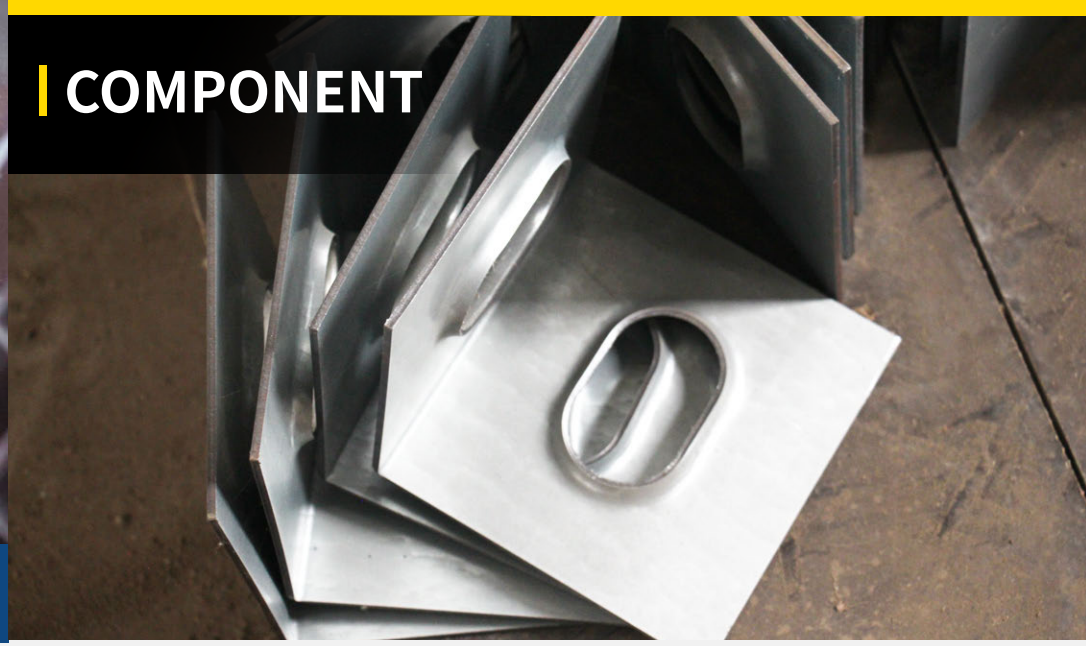


RAW MATERIALS

PLANT ENVIRONMENT



INCISE



COMPONENT



FRAME





OPTIONAL ACCESSORY'S

Exterior wall panel color



Brown wood grain wall panel



White wall panel



Black gray wall panel

Colors can be customized

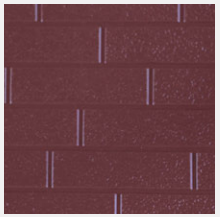
EXTERIOR WALLS

Decorable metal carved panels





Carved metal board(Optional not required)



D-001
Brick red sand
seven bricks



D-002
Ancient wall grey
seven bricks



D-003
Angel white wood grain
in the oblique ditch



D-004
Chicken wing wood
in oblique groove



D-005A
Cultural stone tablet



D-006
Pine section wood grain
in the straight groove



D-007
Terrazzo elastic
coated plate



D-008
Ivory white
seven bricks



D-009
Slightly purplish yellow
middle oblique groove



D-010
Orange and yellow
elasticated tablet



D-011
Yellow sand
seven bricks



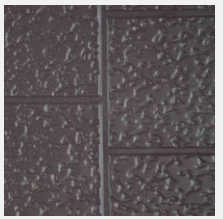
D-012
Yellow sand in the
inclined ditch



D-013
Multi-colored brick
spring-painted plate



D-014
Brick red
sand size brick



D-015
Light brown
sand three brick



D-016
Gray brick white slit
elastic coated flat plate



D-017
Calcium silicate
sandwich



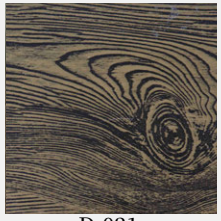
D-018
Polystyrene
sandwich



D-019
Sandwich solid
gold plate



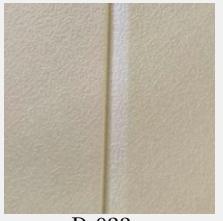
D-020
Graphite core



D-021
Black chicken wing



D-022
Hotan Baoyu tablet



D-023
Sloping gully in desert
yellow elastic Xian grain



D-024
Sesame marble
in the oblique groove



D-025
Yellow chicken wings in
wood grain oblique groove



D-026
Flash water ripple



D-027
Soil-lime slab



D-028
Platinum gray plate



D-030
Cultural stone
marble tablet



D-031
Flash silver gray fine
water ripple plate

INTERIOR WALL BOARD

bamboo and wood fiberboard



S-001
Angel white seven bricks roll ancient wall ash



S-002
Light brown sand seven bricks roll orange red



S-003
Light brown sand roller clay yellow brick



S-004
Angel white roll clay yellow three bricks



S-005
Light brown sand three bricks roll orange red



S-006
Light brown sand three brick roll angel white



S-007
Angel white roll earth yellow seven bricks



S-008
Light brown sand roll earth yellow seven bricks



S-009
Angel white seven bricks roll earth yellow



S-010
Ancient wall grey three bricks roll angel white



S-011
Beige seven bricks roll orange red



S-012
Angel white three brick roller soil yellow



Grey brick white seam 10CM polystyrene sandwich core



Ancient wall ash three brick graphite sandwich





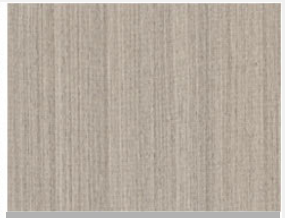
polyurethane



KJ-01
FASHIONABLE ELM WOOD



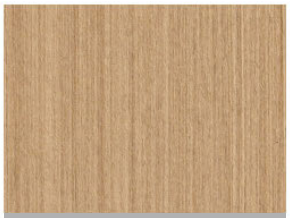
KJ-02
FISHBONE WOOD



KJ-03
GREY SANDALWOOD



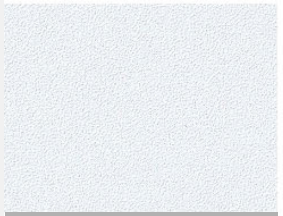
KJ-04
TECHNO WOOD 3



KJ-05
TECHNO WOOD YELLOW



SD-01
FROSTED BLACK



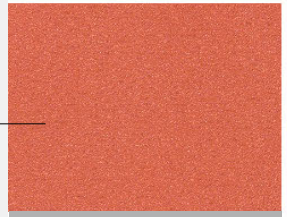
SD-02
FROSTED WHITE



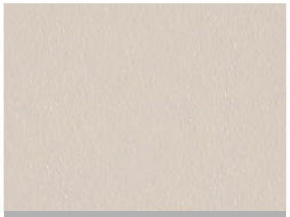
SD-03
DEEP GREY



SD-04
SPRING GREEN



SD-05
HERMÈS ORANGE



SD-06
MOCHA

JD-01
ANGEL WHITE



JD- 02
SU XIANG TONG



JD-03
WHITE MAPLE WOOD

JD-04
SILVER OAK WOOD

INTERIOR WALL BOARD

bamboo and wood fiberboard





Advantages of bamboo wood fiber board

1. **Easy to clean:** The treated appearance is easy to clean and sanitary, can be directly wiped with water, no blistering and deformation.

2. **Fashionable and elegant:** Rich and diverse options, colors can be designed and matched according to personal preferences, elegant and exquisite.

3. **Time saving:** Using ordinary buckle board device, it can be directly folded, spliced and overlapped, easy to install and reduce decoration time.

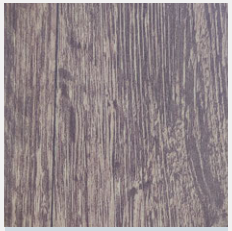
4. **Super sound insulation:** The sound insulation effect reaches twenty-nine decibels, which is similar to the real wall, making the room quiet and com-fortable.

5. **Super hardness:** Made by using original ecological bamboo wood fiber to improve hardness, anti-collision, anti-friction and not easy to scratch.

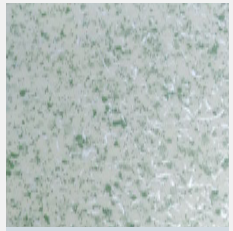
PLASTIC FLOORING

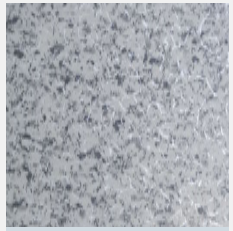

062027-40


062028-40


062029-40

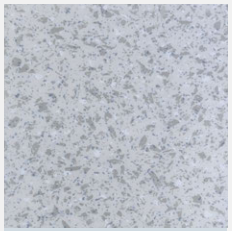

062030-40

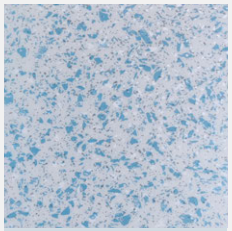

094202-40

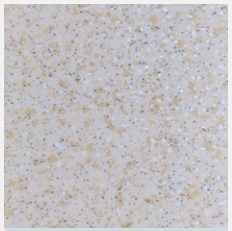

094209-40

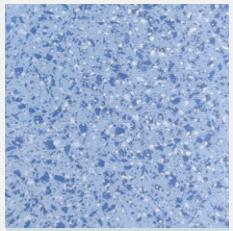

094207-40


094208-40


04201-40


04204-40


04205-40

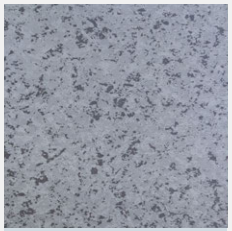

04203-40


092204-40


093201-40

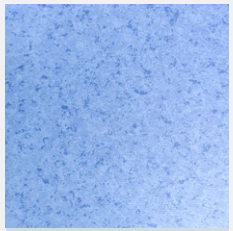

07202-40


07203-40


03203-40

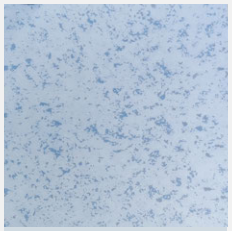

03201-40


03202-40


03208-40

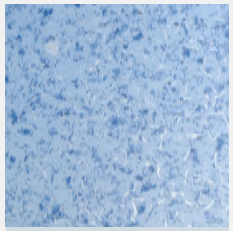

07204-40


07205-40


03206-40


03209-40


022201-40


094206-40

INTERIOR FINISH

L-shaped cabinet



Toilet



Acrylic Bathroom



PVC Bathroom



Marble Bathroom



20FT mini dedicated
Integrated bathroom

Door



Aluminum Alloy



KFC door



Brige-Cut Aluminum (black)



Steel door(white)

Window

Standard Size 3.1 FT X 3.6FT (Customizable)



UPVC



Brige-Cut Aluminum (black)



Aluminum Alloy



Brige-Cut Aluminum (white)



Non-broken bridge structure

1. Poor sound insulation
2. Poor heat insulation



Broken Bridge structure

1.Excellent sound insulation
2.Excellent heat insulation effect

POWER OPTIONS

110 or 220 Volts available with Distribution box



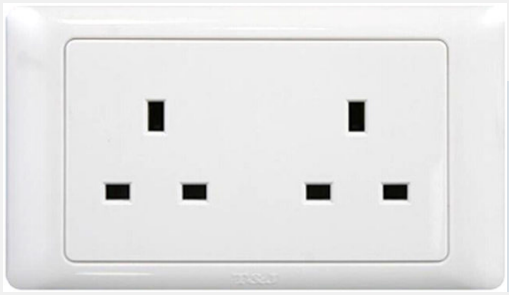
AU
Standard



US
Standard



EUR
Standard



UK
Standard

LOADING, TRANSPORTING AND PLACING UNITS ON













TRIM OPTIONS

Interior Trim Display



Easy and quick installation



Bottom trim



Top trim



Root decoration

OPTIONAL HOME APPLIANCES

Double bed







Single bed



Hospital bed



Sofa







Table and chair







OPTIONAL HOME APPLIANCE

OPTIONAL HOME APPLIANCE

Refrigerator



Water heater

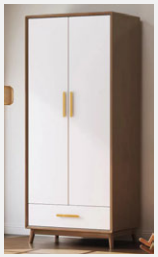


Air conditioner



Closet







Oven



Air fryer



Louver curtain



Aluminium alloy



PVC

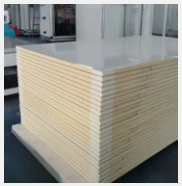


Automatic curtain

Thick aluminium plate



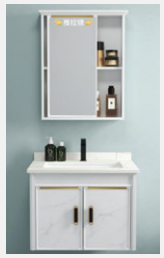
Polyurethane wall panel



Toilet



Bathroom sink







Cabinet

Put your hand on it



Milky white



Champagne color



Apple green



Sky blue



Burgundy



Dark gray

Put your hand in the middle







OFF-GRID SOLAR SYSTEMS

5000W off grid solar system (case one)

Item	Model	Description	Quantity
1	Solar Panel	Mono 320W	6 pieces
2	Battery	12V 150Ah	4 pieces
3	Controller	48V5000W Inverter (Built-in MPPT 48V60A controller)	1 piece
4	Inverter		
5	PV Cable	The standard 4mm2	100 meters
6	MC4 connector	1000VDC	8 pieces
7	Mounting Brackets	Roof/Ground	1 piece
		Consult a sales consultant for more details	



Daily power generation/storage

Power generation	9.6 degrees
Battery storage capacity	7.2 degrees

Support loads

Appliance	air conditioner 1500w	Washing 1000W
Using time	6 hours	5 hours
Appliance	elec-cooker 2000w	water pump 800w
Using time	10 hours	12 hours

Note:
The above use time is for separate use of electrical appliances.
The theoretical value is tested for reference only.
Resistive load within 5000W, inductive load within 1600W.

5000W off grid solar system (case two)

Item	Model	Description	Quantity
1	Solar Panel	Mono 320W	10 pieces
2	Battery	12V 200Ah	4 pieces
3	Controller	48V5000W Inverter (Built-in MPPT 48V60A controller)	1 piece
4	Inverter		
5	PV Cable	The standard 4mm2	100 meters
6	MC4 connector	1000VDC	8 pieces
7	Mounting Brackets	Roof/Ground	1 piece
		Consult a sales consultant for more details	



Daily power generation/storage

Power generation	16 degrees
Battery storage capacity	9.6 degrees

Support loads

Appliance	air conditioner 1500w	Washing 1000W
Using time	10 hours	16 hours
Appliance	elec-cooker 2000w	water pump 800w
Using time	8 hours	20 hours

Note:
The above use time is for separate use of electrical appliances.
The theoretical value is tested for reference only.
Resistive load within 5000W, inductive load within 1600W.