



10-foot Dual-wing Expandable container House Configuration List

Configuration Details

Product Information	Folded dimensions: LWH	3000(L) × 2200(W) × 2480(H) mm	50/75 Wall Body (50 wall panels for exterior metal carved panels)
	Deployed dimensions: LWH	3000(L) × 6300(W) × 2480(H) mm	
	Weight (KG)	1500 kg	
Unit Type	Optional Unit Types: One Bedroom, One Living Room, One Bathroom		
	Item	Specification	
Frame Structure	Roof Structure	100mm50mm3.0 / 50mm30mm1.2 / 25mm25mm1.5 (suspended ceiling bracket)20mm20mm1.0 (water separation purlin)	
	Base Structure	120mm60mm3.0 / 100mm50mm1.2 / 60mm40mm1.2	
	Folding Frame	80mm40mm1.5 / 60mm40mm1.2 / 1.5mm U-shaped trim / L-shaped and Z-shaped flashing	
	Corner Post	Galvanized Steel Pipe 210mm160mm3mm	
	Connecting Hinge	Heavy-duty Steel Hinges	
	Sealing Strip and Accessories	Sealing Strip, Aluminum Foil Butyl Adhesive, Screws, etc.	
	Accessories	793 Structural Adhesive, 995 Silicone Weather-resistant Sealant, Transparent Glass Glue	
Wall Panels	Lifting Lug	Specialized Lifting Lug 210mm160mm160mm 4 sets for top, 4 sets for bottom	
	Exterior Wall Panels	75mm thick EPS foam composite panel (core material options include rock wool, EPS, polyurethane, and integrated panels), with double-sided 0.376mm thick color steel sheets, bulk density 12kg	
	Exterior Cladding	Metal embossed panel	
	Interior Wall Panels	50mm thick EPS foam composite panel (core material options include rock wool, EPS, polyurethane, and integrated panels), with double-sided 0.376mm thick color steel sheets, bulk density 12kg	
Floor Section	Roof/Top Section	50mm thick EPS foam composite panel (core material options include rock wool, EPS, polyurethane), with double-sided 0.376mm thick color steel sheets, bulk density 12kg	
	Mid/Side Top Caps	0.3mm corrugated container top sheet	
	Middle Flooring	18mm Cement Fiberboard	
	Side Flooring	12mm Cement Fiberboard	
Doors and Windows	Floor Finishing/Decoration	2.0mm PVC Flooring	
	Entry Door	KFC-Style Double Door (customizable single door with thermal break aluminum)	
	Partition Door	High-Quality Frame-Integrated Fireproof Lock Door	
	Windows	Aluminum Alloy Sliding Window (customizable thermal break aluminum windows): 930mm × 1130mm × 4 pcs, 500mm × 500mm × 1 pc	



10-foot Dual-wing Expandable container House Configuration List

Configuration Details

Unit Type	Optional Unit Types: One Bedroom, One Living Room, One Bathroom	
	Item	Specification
Electrical Distribution System	Electrical Distribution	<p>Standard Wiring Configuration (Compliant with National Standards) Main power input: 6 mm² Air conditioning socket circuits: 4 mm² General-purpose socket circuits: 2.5 mm² Lighting circuits: 1.5 mm² (Wiring and certifications can be customized according to country-specific requirements.)</p> <p>Circuit Breaker System: 1 × Main Circuit Breaker: 2P 63A Branch Residual Current Devices (RCDs): 1 × 2P 43A 1 × 2P 32A 1 × 1P 20A</p>
		<p>Lighting: 6 × LED Ceiling Lights</p> <p>Power Sockets: Standard three-pin sockets (socket type and standard can be customized as per customer requirements).</p>
Bathroom	Bathroom (Optional)	Titanium-Magnesium Alloy Door × 1, Bathroom Titanium-Magnesium Alloy Sliding Door × 1 (customizable frameless glass door) 1 set of toilet, 1 set of vanity with basin, 1 set of handheld shower, floor drain, water supply and drainage system, and marble shower base
Kitchen Cabinet	Cabinetry (Optional)	none
Terrace/Balcony	Terrace/Balcony (Optional)	none
Raised Container Base	Raised Container Base	none
Roof Cover	Roof Cover (Optional)	none
Legend		
Remarks/Notes	The floor plan drawings and their parameters are for reference only. Please refer to the written specifications in the parameter list as the authoritative source.	



700mm Wing-Type House Configuration List

Configuration Details

Project Name	Expansion Container
Specification	Folded Dimensions 5900(L)*700(W)*2480mm(H) Unfolded Dimensions 5900(L)*4800(W)*2480mm(H)
Item	Specifications
Roof Structure	Galvanized Steel Frame 120mm*60mm*2.5/80mm*80mm 2.0/20mm*40mm*1.5 (Ceiling Support) 10*20*1.0 (Water Distribution Purlin)
Bottom Structure	Galvanized Steel 120mm*60mm*2.5/80mm*80mm 2.0/80mm*40mm 2.0
Folding Frame	Galvanized Steel 80mm*40mm 2.0 / 60mm*40mm 2.0 // 1.5mm U-type edge trim / L-type, Z-type flashing
Corner Column	Galvanized Steel Tube 150*150*3mm/80*80*2.5
Lifting Head	210*160*140mm Specialized Lifting Head/Top: 4 sets, Bottom: 4 sets
Exterior Wall Panel	75mm thick EPS foam composite panel with 0.4mm thick color steel sheets on both sides
Interior Wall Panel	none
Intermediate Roof Covering	0.3mm Container Top Corrugated Steel Sheet
Floor Panel	Cement Fiberboard + 2.0 Plastic Flooring
Connection Hinge	Heavy-duty Steel Hinges 15mm, 10mm
Entrance Door	Thermal Break Aluminum Glass Sliding Door
Window	Thermal Break Aluminum Sliding Window
Electrical System	Waterproof Industrial Socket (with plug included)
	Distribution Box
	Circuit Breaker, Residual Current Circuit Breaker
	Dedicated Socket
Sealing Gasket	Recessed LED Ceiling Light
	Sealing Tape, Aluminum Foil Butyl Adhesive
Accessories	Screws, etc
Accessories	none
Bathroom	none
Cabinet	none
Remarks	



20-foot Single-wing Expandable container House Configuration List

Configuration Details

Product Information		75 Wall Body
Unit Type	Item	Specification
Frame Structure	Frame Structure	Galvanized Steel Structure 120mm x 60mm x 3.0 / 80mm x 80mm x 2.0 / 20mm x 40mm x 1.5 (Ceiling Bracket) / 10mm x 20mm x 1.0 (Purlin Splitting)
	Base Structure	Galvanized Steel Structure 120mm x 60mm x 3.0 / 80mm x 80mm x 2.0 / 80mm x 40mm x 2.0
	Folding Frame	Galvanized Steel Structure 80mm x 40mm x 2.0 / 60mm x 40mm x 2.0 // 1.5mm U-shaped Edge Trim / L-shaped, Z-shaped Flashing
	Corner Post	Galvanized Steel Pipes 150mm x 150mm x 3mm / 80mm x 80mm x 3.0
	Connecting Hinge	Heavy-Duty Steel Hinges 15mm, 10mm
	Sealing Strip and Accessories	Sealing Tape, Aluminum Foil Butyl Adhesive, Screws, etc.
	Accessories	793 Structural Adhesive, 995 Silicone Weatherproof Sealant, Transparent Silicone Sealant
Wall Panels	Lifting Lug	Specialized Lifting Heads: 210mm x 160mm x 160mm Top: 4 sets, Bottom: 4 sets
	Exterior Wall Panel	75mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane, or integrated panel), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Exterior Wall Cladding (Optional)	Metal embossed panel
	Interior Wall Finishing (Optional)	Carbon crystal wood finish panel
	Interior Wall Panel	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane, or integrated panel), double-sided 0.376mm thick color steel sheets, bulk density 12kg
Floor Section	Top Section	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane), double-sided 0.376mm thick color steel sheets, bulk density 8kg
	Middle / Side Top Covers	0.3mm corrugated steel sheet for container roof
	Middle Flooring	18mm Cement Board
	Side Flooring	18mm Cement Board
	Floor Finishing	2.0mm PVC Flooring



20-foot Single-wing Expandable container House Configuration List

Configuration Details

Unit Type	Item	Specification
Doors and Windows	Entry Door	KFC-style Double Door (customizable with thermal-break aluminum single door)
	Partition Door	KFC-style Double Door (customizable with thermal-break aluminum single door)
	Windows	KFC-style Double Door (customizable with thermal-break aluminum single door)
Electrical Distribution System	Electrical Distribution	<p>Standard wiring: 6 mm² for main power input, 4 mm² for air conditioning sockets, 2.5 mm² for general-purpose sockets, 1.5 mm² for lighting circuits. (Wiring can be customized to meet certification requirements of different countries.)</p> <p>Circuit breaker system: 1 × 2P63A main circuit breaker 1 × 2P43A residual current device (RCD) 1 × 2P32A RCD 1 × 1P20A RCD</p> <p>Lighting: 4 × recessed LED ceiling lights.</p> <p>Power sockets: Standard three-pin sockets (socket standards can be configured according to customer requirements).</p>
Bathroom	Bathroom (Optional)	1 × Titanium-magnesium Alloy Door 1 × Bathroom Titanium-magnesium Alloy Sliding Door (frameless glass door customizable) 1 set of toilet, 1 set of vanity basin, 1 set of handheld shower, floor drain, water supply and drainage system, and marble shower base
Kitchen Cabinet	Cabinetry (Optional)	"L"-Shaped Kitchen Cabinet (Engineering Grade)
Terrace/Balcony	Terrace/Balcony (Optional)	Dimensions: 6300mm × 2000mm, includes wood-plastic composite flooring and guardrail.
Raised Container Base	Raised Container Base	Square Tube Welded Frame, elevated by 300mm
Roof Cover	Roof Cover (Optional)	Sloping Roof Enhances overall aesthetics and improves drainage efficiency. Material options: EPS panels or resin tiles, includes structural support framework (purlins/rafters).
Remarks	The floor plan parameters are for reference only. The specifications in the parameter table shall prevail.	



20-foot Flat Top Dual-wing Expandable container House Configuration List

Configuration Details

Product Information		
Unit Type	Item	Specification
	Folded dimensions	5900(L) × 2200(W) × 2500(H) mm
	Deployed dimensions	5900(L) × 6600(W) × 2500(H) mm
	Weight (KG)	3200 kg
Frame Structure	Roof Structure	Galvanized Steel Frame : 60mm*60mm*4.0 / 40mm*40mm*2.0 / 30mm*3.0 (end cap) 30*30*1.5 (water separation purlin)
	Base Structure	Galvanized Steel Frame : 60mm*60mm*4.0 / 60mm*40mm*3.0 / 40mm*40mm*3.0 / 40mm*40mm*1.2 / 30mm*30mm*1.5
	Folding Frame	Galvanized Steel Frame : 60mm*60mm*4.0 / 60mm*40mm*3.0 / U-shaped trim / L-shaped, Z-shaped flashing
	Corner Post	Galvanized Steel Pipe : 80*80*3.0mm
	Connecting Hinge	Heavy-duty Steel Hinges
	Sealing Strip and Accessories	Sealing Tape, Aluminum Foil Butyl Adhesive, Screws, etc.
	Accessories	793 Structural Adhesive, 995 Silicone Weather-Resistant Sealant, Transparent Glass Glue
Wall Panels	Exterior Wall Panels	75mm thick EPS foam composite panel (core material options include rock wool, EPS, polyurethane, and integrated panels), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Exterior Wall Cladding (Optional)	Metal embossed panel
	Interior Wall Cladding (Optional)	Carbon crystal wood finish panel
	Interior Wall Panels	50mm thick EPS foam composite panel (core material options include rock wool, EPS, polyurethane, and integrated panels), double-sided 0.376mm thick color steel sheets, bulk density 12kg
Floor Section	Top Section	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane), with double-sided 0.376mm thick color steel sheets, bulk density 8kg
	Middle / Side Top Covers	0.3mm small corrugated container roof sheet
	Middle Flooring	18mm Cement Board
	Side Flooring	12mm Bamboo Plywood
	Floor Finishing	2.0mm PVC Flooring



20-foot Flat Top Dual-wing Expandable container House Configuration List

Configuration Details

Unit Type	Item	Specification
Doors and Windows	Entry Door	KFC-style Double Door (customizable with thermal break aluminum single door)
	Partition Door	Framed, Frosted, Fire-resistant Lock Door
	Windows	Aluminum Alloy Sliding Window (customizable with thermal break aluminum windows), 930mm × 1130mm
Electrical Distribution System	Electrical Distribution	Standard Wiring Configuration: Main power input: 6 mm ² Air conditioning sockets: 4 mm ² General-purpose sockets: 2.5 mm ² Lighting circuits: 1.5 mm ² (Circuit can be customized to meet certification requirements of specific countries.) Circuit breaker system: 1 × 2P63A main circuit breaker 1 × 2P43A residual current device (RCD) 1 × 2P32A RCD 1 × 1P20A RCD Lighting: 4 × recessed LED ceiling lights Power Sockets: Standard three-pin sockets (socket standards can be configured according to customer requirements)
Bathroom	Bathroom (Optional)	Titanium-Magnesium Alloy Door × 1 Bathroom Titanium-Magnesium Alloy Sliding Door × 1 1 × Toilet Set 1 × Vanity Basin Cabinet Set 1 × Shower Set Floor Drain 500 × 500mm Small Window Water Supply and Drainage Pipes Waterproof Decorative Panel for Wet/Dry Separation AreaMarble Shower Base
Kitchen Cabinet	Cabinetry (Optional)	"L"-shaped kitchen cabinet (with stainless steel sink, hot/cold water faucet, water supply and drainage pipes, etc.)
Remarks	The floor plan parameters are for reference only. The specifications in the parameter table shall prevail.	



20-foot Dual-wing Expandable container House Configuration List

Configuration Details

Product Information		
Unit Type	Item	Specification
	Folded dimensions	5900(L) × 2200(W) × 2480(H) mm
	Deployed dimensions	5900(L) × 6300(W) × 2480(H) mm
	Weight (KG)	2800 kg
Frame Structure	Roof Structure	Galvanized Steel Frame: 100mm x 50mm x 3.0mm / 50mm x 30mm x 1.2mm / 25mm x 25mm x 1.5mm (Ceiling Bracket) 20mm x 20mm x 1.0mm (Water-Diversion Purlin)
	Base Structure	Galvanized Steel Structure : 120mm x 60mm x 3.0mm / 100mm x 50mm x 1.2mm / 60mm x 40mm x 1.2mm
	Folding Frame	Galvanized Steel Structure : 80mm x 40mm x 1.5mm / 60mm x 40mm x 1.2mm / 1.5mm U-Type Trim / L-Type and Z-Type Flashing
	Corner Post	Galvanized Steel Pipes : 210mm x 160mm x 3.0mm
	Connecting Hinge	Heavy-Duty Steel Hinges
	Sealing Strip and Accessories	Sealing Tape, Aluminum Foil Butyl Adhesive, Screws, etc.
	Accessories	793 Structural Adhesive, 995 Silicone Weather-Resistant Sealant, Transparent Glass Glue
Wall Panels	Lifting Lug	Specialized Lifting Lug 210mm x 160mm x 160mm Top: 4 sets Bottom: 4 sets
	Exterior Wall Panels	75mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane, or integrated panel), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Exterior Wall Cladding (Optional)	Metal embossed panel
	Interior Wall Cladding (Optional)	Carbon crystal wood finish panel
Floor Section	Interior Wall Panels	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane, or integrated panel), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Top Section	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Middle / Side Top Covers	0.3mm Small Corrugated Container Roof Panel
	Middle Flooring	18mm Cement Fiberboard
	Side Flooring	18mm Cement Board
	Floor Finishing	2.0mm PVC Flooring



20-foot Dual-wing Expandable container House Configuration List

Configuration Details

Unit Type	Item	Specification
Doors and Windows	Entry Door	KFC-Style Double Door (customizable thermal-break aluminum single door)
	Partition Door	High-Quality Frame-Integrated Fireproof Lock Door
	Windows	Aluminum Alloy Sliding Window (customizable thermal-break aluminum windows), 930×1130mm
Electrical Distribution System	Electrical Distribution	Standard Wiring Configuration: Main power input: 6 mm ² Air conditioning sockets: 4 mm ² General-purpose sockets: 2.5 mm ² Lighting circuits: 1.5 mm ² (Circuit can be customized to meet certification requirements of specific countries.)
		Circuit Breaker System: Main circuit breaker: 1 × 2P63A Branch residual current devices (RCDs): 1 × 2P43A 1 × 2P32A 1 × 1P20A
		Lighting: 4 × recessed LED ceiling lights
Bathroom	Bathroom (Optional)	Power Sockets: Standard three-pin sockets (socket standards can be configured according to customer requirements)
		Titanium-Magnesium Alloy Door × 1 Bathroom Titanium-Magnesium Alloy Sliding Door × 1 1 × Toilet Set 1 × Vanity Basin Cabinet Set 1 × Shower Set Floor Drain 500 × 500mm Small Window Water Supply and Drainage System Waterproof Decorative Panel for Wet/Dry Separation Area Marble Shower Base
		"L" Shaped Kitchen Cabinet (Engineering Grade)
Terrace/Balcony	Terrace/Balcony (Optional)	Dimensions: 6300mm × 2000mm, includes wood-plastic composite flooring and guardrail
Raised Container Base	Raised Container Base	Square Tube Welded Frame, elevated by 300mm
Roof Cover	Roof Cover (Optional)	Sloping Roof Enhances overall aesthetics and improves drainage. Material options: EPS panels or resin tiles, includes structural framing.
Remarks	The floor plan parameters are for reference only. The specifications in the parameter table shall prevail.	



30-foot Flat Top Single-wing Expandable container House Configuration List

Configuration Details

Product Information		
Unit Type	Item	Specification
	Folded dimensions	5900(L) × 2200(W) × 2500(H) mm
	Deployed dimensions	5900(L) × 4500(W) × 2550(H) mm
	Weight (KG)	3200 kg
Frame Structure	Roof Structure	Galvanized Steel Frame 60mm*60mm*4.0/40mm*40mm*2.0/30mm*30mm*3.0 (End Cap) 30*30*1.5(Water Separation Purlin)
	Base Structure	Galvanized Steel Frame : 100mm*60mm*4.0/60mm*40mm*3.0/40mm *40mm3.0/40mm*40mm*1.2/30mm*30mm*1.5
	Folding Frame	Galvanized Steel Frame 100mm*60mm*4.0/60mm*40mm*3.0/U-Shaped Trim / L-Shaped, Z-Shaped Flashing
	Corner Post	Galvanized Steel Pipe : 80*80*3.5mm
	Connecting Hinge	Heavy-Duty Steel Hinges 15mm, 10mm
	Sealing Strip and Accessories	Sealing Tape, Aluminum Foil Butyl Adhesive, Screws, etc.
Wall Panels	Accessories	793 Structural Adhesive, 995 Silicone Weather-Resistant Sealant, Transparent Glass Glue
	Exterior Wall Panels	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Exterior Wall Cladding (Optional)	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Interior Wall Cladding (Optional)	Carbon crystal wood finish panel
Floor Section	Interior Wall Panels	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Top Section	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane), double-sided 0.376mm thick color steel sheets, bulk density 8kg
	Middle / Side Top Covers	0.3mm corrugated steel sheet for container roof
	Middle Flooring	18mm Cement Board
	Side Flooring	12mm Bamboo Plywood
	Floor Finishing	2.0mm PVC Flooring



30-foot Flat Top Single-wing Expandable container House Configuration List

Configuration Details

Unit Type	Item	Specification
Doors and Windows	Entry Door	KFC-Style Double Door (customizable thermal-break aluminum single door)
	Partition Door	Framed, Frosted, Fire-resistant Lock Door
	Windows	Aluminum Alloy Sliding Window (customizable thermal-break aluminum windows), 930×1130mm
Electrical Distribution System	Electrical Distribution	Standard Wiring Configuration: Main power input: 6 mm ² Air conditioning sockets: 4 mm ² General-purpose sockets: 2.5 mm ² Lighting circuits: 1.5 mm ² (Customizable to meet country-specific certification requirements) Circuit Breaker System: 1 × 2P63A main circuit breaker Branch Residual Current Devices (RCDs): 1 × 2P43A 1 × 2P32A 1 × 1P20A Lighting: 4 × Recessed LED Ceiling Lights Power Sockets: Standard three-pin sockets (configurable according to customer requirements)
Bathroom	Bathroom (Optional)	Titanium-magnesium alloy door × 1 Bathroom titanium-magnesium alloy sliding door × 1 1 set of toilet, 1 set of vanity basin, 1 set of shower, floor drain, 500×500mm small window, water supply and drainage pipes, waterproof decorative panel for wet/dry separation area, marble shower base
Kitchen Cabinet	Cabinetry (Optional)	"L"-Shaped Kitchen Cabinet (Includes stainless steel sink, hot/cold water faucet, and water supply/drainage connections)
Remarks	The floor plan parameters are for reference only. The specifications in the parameter table shall prevail.	



30-foot Dual-wing Expandable container House Configuration List

Configuration Details

Unit Type	Item	Specification
Doors and Windows	Entry Door	KFC-Style Double Door (customizable thermal-break aluminum single door)
	Partition Door	Framed, Frosted, Fire-Rated Lock Door
	Windows	Aluminum Alloy Sliding Window (customizable thermal-break aluminum windows), 930mm × 1130mm
Electrical Distribution System	Electrical Distribution	Standard wiring: 6 mm ² main power entry, 4 mm ² air conditioning sockets, 2.5 mm ² general-purpose sockets, 1.5 mm ² lighting circuits. (Wiring can be customized to meet certification requirements of specific countries.) Circuit breaker system: 1 × 2P63A main circuit breaker 1 × 2P43A residual current device (RCD) 1 × 2P32A RCD 1 × 1P20A RCD Lighting: 4 × recessed LED ceiling lights.
		Power sockets: Standard three-pin sockets (socket standards can be configured according to customer requirements).
Bathroom	Bathroom (Optional)	Titanium-magnesium alloy door × 1 Bathroom titanium-magnesium alloy sliding door × 1 1 set of toilet, 1 set of vanity basin, 1 set of shower, floor drain, 500×500mm small window, water supply and drainage pipes, waterproof decorative panel for wet/dry separation area, marble shower base
Kitchen Cabinet	Cabinetry (Optional)	"L" shaped cabinet (with stainless steel sink, hot and cold water faucet, water supply and drainage pipes, etc.)
Terrace/Balcony		Dimensions: 6300×2000mm, includes wood-plastic composite flooring and guardrail
Raised Container Base		Square tube welded frame, raised by 300mm
Roof Cover		Sloping roof, enhances overall aesthetics and facilitates drainage. Material options: EPS panels, resin tiles, including structural supports.
Remarks	The floor plan parameters are for reference only. The specifications in the parameter table shall prevail.	



40-foot Dual-wing Expandable container House Configuration List

Configuration Details

Product Information		
Unit Type	Item	Specification
	Folded dimensions	11800(L) × 2200(W) × 2480(H) mm
	Deployed dimensions	11800(L) × 6300(W) × 2480(H) mm
	Weight (KG)	6000 kg
		75 Wall Structure
Frame Structure	Roof Structure	Galvanized Steel Frame 100mm × 50mm × 3.5mm / 50mm × 30mm × 1.2mm / 25mm × 25mm × 1.5mm (Ceiling Bracket) 20mm × 20mm × 1.0mm (Water Separator Purlin)
	Base Structure	Galvanized Steel Frame: 120mm × 60mm × 3.5mm / 100mm × 50mm × 1.2mm / 60mm × 40mm × 1.2mm
	Folding Frame	Galvanized Steel Frame 80mm × 40mm × 1.5mm / 60mm × 40mm × 1.2mm / 1.5mm U-Type Trim / L-Type & Z-Type Flashing
	Corner Post	Galvanized Steel Pipe: 210mm × 160mm × 3.5mm
	Connecting Hinge	Heavy-Duty Steel Hinges
	Sealing Strip and Accessories	Sealing Tape, Aluminum Foil Butyl Adhesive, Screws, etc.
	Accessories	793 Structural Adhesive, 995 Silicone Weather-Resistant Sealant, Transparent Glass Glue
Wall Panels	Lifting Lug	Special Lifting Lug 210mm × 160mm × 160mm Top: 4 sets Bottom: 4 sets
	Exterior Wall Panels	75mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane, and integrated panel), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Exterior Wall Cladding (Optional)	Metal embossed panel
	Interior Wall Cladding (Optional)	Carbon crystal wood finish panel
	Interior Wall Panels	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane, and integrated panel), double-sided 0.376mm thick color steel sheets, bulk density 12kg
Floor Section	Top Section	50mm thick EPS foam composite panel (core material options: rock wool, EPS, polyurethane), double-sided 0.376mm thick color steel sheets, bulk density 12kg
	Middle / Side Top Covers	0.3mm small corrugated container roof panel
	Middle Flooring	18mm Cement Board
	Side Flooring	12mm Bamboo Plywood
	Floor Finishing	2.0mm PVC Flooring



40-foot Dual-wing Expandable container House Configuration List

Configuration Details

Unit Type	Item	Specification
Doors and Windows	Entry Door	KFC-style Double Door (customizable with thermal break aluminum single door)
	Partition Door	Dedicated High-Quality Steel Door
	Windows	Aluminum Alloy Sliding Window (customizable with thermal break aluminum windows), 930mm × 1130mm
Electrical Distribution System	Electrical Distribution	Standard wiring: 6 mm ² main power entry, 4 mm ² air conditioning sockets, 2.5 mm ² general-purpose sockets, 1.5 mm ² lighting circuits. (Wiring can be customized to meet certification requirements of specific countries.) Circuit breaker system: 1 × 2P63A main circuit breaker 1 × 2P43A residual current device (RCD) 1 × 2P32A RCD 1 × 1P20A RCD Lighting: 9 × recessed LED ceiling lights. Power sockets: Standard three-pin sockets (socket standards can be configured according to customer requirements).
Bathroom	Bathroom (Optional)	Titanium-magnesium alloy door × 1 Bathroom titanium-magnesium alloy sliding door × 1 1 set of toilet, 1 set of vanity basin, 1 set of shower, floor drain, 500×500mm small window, water supply and drainage pipes, waterproof decorative panel for wet/dry separation area, marble shower base
Kitchen Cabinet	Cabinetry (Optional)	"L"-shaped cabinet (engineering grade)
Terrace/Balcony		Dimensions: 6300×2000mm, includes wood-plastic composite flooring and guardrail
Raised Container Base		Square tube welded frame, raised by 300mm
Roof Cover		Sloping roof, enhances overall aesthetics and facilitates drainage. Material options: EPS panels, resin tiles, including structural supports.
Remarks	The floor plan parameters are for reference only. The specifications in the parameter table shall prevail.	