

Fast established [folding container](#) house for accommodation camp

Product Photo





Folding Container Product Detail:

PROJECT NAME					Folding container house Size: L5800mm*W2400mm*H2500mm
NO.	NAME	ITEM	UNIT	QTY	SPECIFICATION
1	FRAME SYSTEM	Top beam	pc	4.00	Q235 2.5mm +1.8mm ,welding,paiting□
		Bottom beam	pc	4.00	Q235 2.5mm +1.9mm ,welding,paiting□H=400px
		Steel column	pc	4.00	Q235 2.5mm
		Paint	kg	14.00	brand "Lehua", 18-20 film thickness, white ash standard water-based paint

2	ROOF SYSTEM	Roof panel	m	18.00	0.7mm glavanized steel□color□gray-white□Mechanical occlusion
		Insulation panel	pc	1.00	Silica stone composite board 4mm+50mm+4mm□standard thickness□80KG/m3
3	FLOOR SYSTEM	PVC flooring	set	1.00	thickness 1.0mm
		Fiber cement board	pc	5.00	18mm thinckness, 50 self-drilling screw
		Sealant	barrel	4.00	polyurethane foam sealing
4	WALL SYSTEM	Wall panel	m	50.00	A2 class fire-proof silica stone composite board,50mm thickness,0.4/0.4 steel sheet, 80kg/m3
		Door	pc	1.00	door size 1980*890 □Q235,0.4mm thickness
		Window	pc	2.00	Casement window□size 1000*950*50□brand"Huaqiang", 5mm thinck glass
5	ELECTRIC SYSTEM	Electric box	box	1.00	3 loop, include plug connector
		Industrial plug	pc	1.00	brand "CHINT"□32A
		Led light	pc	2.00	european white ceiling
		A/C socket	pc	1.00	32A,brand "CHINT"
		Socket	pc	2.00	16A,brand "CHINT"
		Switch	pc	1.00	5 holes single switch
6	DECORATION	Column cladding			
		Top cladding	set	1	
		Bottom cladding			

Folding Container Solutions: Maximizing Efficiency in Transport and Storage

Folding containers are revolutionizing modular design by offering unparalleled portability, space-saving innovation, and rapid deployment. Engineered with collapsible walls, roofs, and floors, these containers can be folded into a compact flat-packed unit, reducing transport and storage costs while maintaining structural durability. From logistics to disaster response, folding containers provide a game-changing solution for industries prioritizing agility and resource optimization.

Key Advantages:

1. Ultra-Efficient Transport & Storage

90% Space Reduction: Folded containers occupy minimal space, allowing 10x more units per shipment compared to standard containers. This slashes logistics costs and carbon footprint for long-distance or bulk transportation.

Stackable Design: Folded units can be stacked vertically in warehouses or ports, optimizing storage capacity and reducing rental expenses.

2. Instant Deployment

No Assembly Required: Unlike flat-pack systems, folding containers require no panel reassembly. Simply unfold and lock the walls into place—ready to use in minutes with basic tools.

Pre-Integrated Utilities: Optional pre-installed electrical wiring, plumbing, or insulation enables immediate functionality for housing, offices, or mobile clinics.

3. Robust Durability

Industrial-Grade Materials: Built with reinforced steel frames and weather-resistant coatings, folding containers withstand harsh environments, heavy loads, and repeated folding cycles.

Secure Locking Systems: Patented hinge mechanisms ensure structural stability when expanded, meeting ISO standards for safe cargo transport.

4. Cost-Effective Scalability

Pay-As-You-Go Flexibility: Expand or reduce capacity on demand without long-term storage commitments. Ideal for seasonal industries (e.g., agriculture, tourism) or fluctuating project needs.

Minimal Maintenance: Corrosion-resistant finishes and modular components lower lifecycle costs compared to traditional containers.

5. Eco-Friendly Design

Reusable & Recyclable: Folding containers eliminate single-use packaging waste. Steel components are 100% recyclable, supporting circular economy goals.

Energy-Efficient Production: Streamlined manufacturing reduces material waste and energy consumption versus fixed-container fabrication.

Applications Across Industries

Logistics & Shipping: Reduce empty return trips by folding idle containers, cutting freight costs by up to 40%.

Emergency Housing: Deploy shelters in disaster zones within hours, with pre-fitted solar panels or water tanks.

Pop-Up Retail: Create temporary stores or event booths that can be folded and relocated overnight.

Military & Mining: Establish mobile command centers or equipment storage that adapts to remote, rugged sites.

Folding containers redefine efficiency in modular solutions, blending compact mobility with industrial strength. By minimizing waste, maximizing adaptability, and accelerating deployment, they empower businesses to operate smarter, greener, and faster in a dynamic global landscape.