Standard Detachable Container House



5950 x 3000 x 2800 mm

Price confirmed through inquiry for the selected configuration.

18 sets / 40HQ
1,300 kg / set, packed gross weight
2-3 installers / approximately 4 hours
No crane for standard unit assembly
Minimum order: 1 unit

Standard configuration at a glance

Component	Standard specification
Steel frame	2.0 mm hot-dip galvanized cold-rolled steel; upper/lower beams and four columns
Wall panels	50-series rock-wool sandwich panels; 0.25 mm color-coated galvanized steel stated in material list
Floor	18 mm magnesium oxide board, 5 panels, 2800 x 1147 mm
Roof exterior	0.45 mm sheet; 6 sheets, length 2970 mm
Ceiling	0.25 mm sheet; 6 sheets, length 2790 mm
Door	1 steel door, 950 x 2100 mm
Windows	2 PVC/uPVC windows with security bars, 950 x 1200 mm
Roof insulation	Glass wool: 1 set, remark 0.6 pack; thickness and density not stated
Assembly accessories	Listed bolts, nuts, screws, roof adhesive and waterproof sealing tape

Confirm the current quotation and supply scope. Photo shows an available configuration. Approved drawings define the product supplied. Dimensions are external L x W x H. Core density and fire rating are not specified in the supplied wall-panel list.

Bill of materials / 1

Quantities for one standard unit. Component lengths are distinct from the external building dimensions.

Item	Material / description	Qty	Size / length
Wall panel	50-series rock wool; 0.25 mm coated galvanized facing	15	2550 mm
Wall panel	Same wall-panel specification	2	1350 mm
Wall panel	Same wall-panel specification	1	480 mm
Lower beam	2.0 mm galvanized cold-rolled steel; floor supports	2	5630 mm
Lower beam	Same beam specification	2	2680 mm
Upper beam	2.0 mm galvanized cold-rolled steel	2	5630 mm
Upper beam	Same beam specification	2	2680 mm
Corner column	2.0 mm galvanized cold-rolled steel	4	2480 mm
Panel retaining channel	Upper beam / wall-panel connector	2	5700 mm
Panel retaining channel	Upper beam / wall-panel connector	2	2800 mm
Corner fitting	Eight fittings per unit	8	160 x 160 mm
Floor purlin	80 x 80 mm galvanized tube; 1.2 mm wall	4	2990 mm
Floor purlin	40 x 80 mm galvanized tube; 1.2 mm wall	5	2990 mm
Roof purlin	50 x 50 mm galvanized tube; 1.6 mm wall	2	2800 mm
Roof purlin	40 x 80 mm galvanized tube; 1.2 mm wall	3	1880 mm
Roof purlin	40 x 60 mm galvanized tube; 1.1 mm wall	6	1880 mm
Steel door	1 door	1	950 x 2100 mm

Based on the current standard material list supplied by Longtai. All dimensions are in millimetres unless stated. Confirm final drawings, quantities and options when placing the order.

Bill of materials / 2

Quantities for one standard unit. Component lengths are distinct from the external building dimensions.

Item	Material / description	Qty	Size / length
Windows	PVC/uPVC with security bars	2	950 x 1200 mm
Roof sheet	0.45 mm sheet	6	2970 mm
Ceiling sheet	0.25 mm sheet	6	2790 mm
Floor board	18 mm magnesium oxide board	5	2800 x 1147 mm
Profiles	Aluminium alloy	1 set	Per configuration
Roof insulation	Glass wool; listed as 0.6 pack	1 set	Confirm thickness/density
Carriage bolts	Corner fittings / columns	64	Per drawing
Carriage nuts	Corner fittings / columns	64	Per drawing
Tube fixing screws	10 x 60	10	Per drawing
Tube fixing screws	10 x 100	8	Per drawing
Nuts	For tube fixing screws	18	Per drawing
Ceiling fasteners	Ceiling sheets / angle trim	200	Per drawing
Floor fasteners	Floor-board fixing	70	Per drawing
Wall fasteners	70 flat-head	20	Per drawing
Roof fasteners	25 self-tapping	200	Per drawing
Roof adhesive	Roof sealing	4 tubes	Per configuration
Waterproof tape	Retaining-channel sealing	1 roll	Per configuration

Based on the current standard material list supplied by Longtai. All dimensions are in millimetres unless stated. Confirm final drawings, quantities and options when placing the order.

Plan your order

Quotation & stock

Price confirmed through inquiry for the selected configuration. Standard units are normally held in stock for prompt dispatch; confirm the available quantity and dispatch arrangements when ordering. The final quotation confirms specification, price and supply scope. EXW is the factory supply basis, not a landed price; freight, insurance, import charges and on-site work are quoted or arranged separately.

Packed weight & loading

Packed gross weight: 1,300 kg per standard set, including packaging. One 40HQ holds 18 standard sets. Estimated packed cargo weight for 18 sets: 23,400 kg, excluding container tare. Final packing list, carrier payload limits and transport requirements govern the shipment. Extra fittings, custom dimensions and mixed loads require a revised plan.

Installation preparation

Allow approximately 4 hours with 2-3 installers for standard unit assembly. No crane is required for this assembly. Foundations, unloading, utility connections and stacked-building lifting are separate. Follow the 13-page illustrated manual and order drawings; prepare the specified tools, safe access and supports. Some panels require on-site cutting.

Standard kit & optional scope

The material list covers frame, wall panels, floor, roof, ceiling, door, windows and listed assembly accessories. Electrical fit-out, plumbing, bathroom, kitchen, furniture and foundation works are not listed as included. Agree partitions, opening positions, insulation and finishes before confirming the order.

Production & support

Stated capacity: 3,000 standard detachable sets per day. Capacity is separate from an order schedule. Three-year online warranty and after-sales support are available. Where a product issue requires replacement parts, the required parts are supplied free with your next order, subject to the agreed support arrangements.

Request a project quotation

Send your destination country and port, intended use, quantity, layout or room schedule, requested options and target date. Ask us to confirm stock, dispatch arrangements, packing and the complete supply scope.

Request this standard configuration

Manual & downloads

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