



Modern Easy Up Outdoor Party Marquee Tents Waterproof UV Resistant Large Canopy Structure

Our Product Introduction

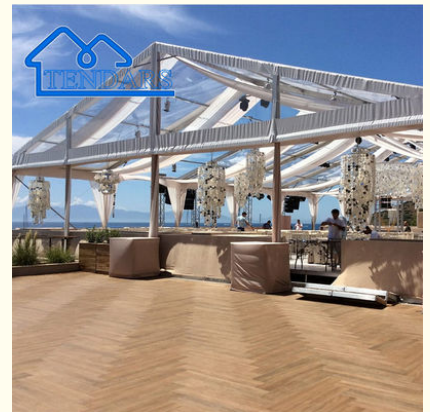
Basic Information

- Place of Origin: Guangdong
- Brand Name: Tendars
- Certification: ISO9001, SGS Coc, CE
- Model Number: Big tent
- Minimum Order Quantity: 25 square meters
- Price: Reconsideration
- Packaging Details: 1, The aluminium frame structure packed into the bubble film 2, the pvc fabric roof cover and sidewalls are packed into the PVC fabric carry bag; 3, Hardware packed into the box.
- Delivery Time: 18days or To be negotiated
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 50000 Square Meters per Month



Product Specification

- Product Name: The Best Waterproof Tent
- Frame: Aluminum Alloy T6061/T6
- Roof Cover: 850g/sqm PVC Coated Polyester Fabric
- Side Wall: 650g/sqm PVC Coated Polyester Fabric
- Fabric Color Option: White, Transparent Or Customized
- Accessories: PVC Windows, Glass Door, Stake, Stake Puller, Rain Gutter, Lining And Curtain, Flooring System, Glass Walling System, Weight Plate, ABS/Sandwich Wall System, Lining, Curtains, bathroom Ect.
- Feature: Flame Redartant/UV-resistant/Water Proof
- Application: Weddings, Parties, Factories, Workshops, Exhibitions, Events, Etc
- Highlight: **waterproof party marquee tent, UV resistant outdoor canopy, large modern party tent**



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Product Description

Modern Large Easy Up Outdoor Party Tent Waterproof UV Resistant The Party Tent Company

Product Specification:

Item	Specification
Clear Span Width	6m/8m/9m/10m/12m...30m
Eave Height	2.6m-3.5m
Ridge Height	3.6m/4.0m/4.2m/4.4m/4.8m/6.3m/7.2m/8.9m
Bay Distance	3m/5m
Roof Fixing	Bar Tensioning
Main Profile	48x48x3mm 100x100x3mm 120x120x3mm
Main Allowed Windspeed	80km/hour 0.3kn/m2
Eave Connection	Hot dip Galvanized Steel Insert
Framework Material	Aluminium 6061/T6
	Hard Pressed Extruded
Cover Materials	PVC coated, flame retardant to Din 4102 M2 NFPA 701 B1 750g-900g/m2,
Sidewall Materials	PVC coated, flame retardant to Din 4102 M2 NFPA 701 B1 750g-900g/m2, or glass walls
Floor	Available

The tent has a variety of styles, which can be divided into three types according to different shapes:

- 1, the first is the most common A-frame tent. The activity tent has the largest span and the most widely used, from outdoor business promotion to large-scale exhibitions.
- 2, the second is the pointed canopy room. The bottom is square, and the roof is like a spire. Elegant in appearance.
- 3, the third is the spherical canopy, the dome is called "the strongest space, the lightest weight, the most effective design." Using a rigid and robust architecture, you can temporarily hang lights and sound equipment to decorate and fill your event space.
- 4, the last kind of mixed common A-frame canopy and pointed canopy

Installation :

Step 1: Locate the column bottom plate

First determine the ground level of the installation site, and then locate the bottom plate, the distance from the center of the bottom plate to the center of the bottom plate is 15 meters vertically, 5 meters horizontally, because this tutorial is a 15-meter span of the tent as an example, so the longitudinal distance is 15 meters, that is, the length of the tent direction, can be extended infinitely by a multiple of 5 meters. Notice the distance from the center to the center. After determining the position of the four baseboards, then measure whether the diagonal distances are equal. If it's not equal, you have to reposition it, you have to make sure it's a rectangle and not a parallelogram. After setting the position, fix the column and bottom plate in the corresponding four positions (for the fixing method, see Section 3 of this article: Fixing measures for the tent). In the same way, the other bottom plates in the direction of length are positioned and fixed.

Step 2: Lay out the parts

The column, Angle node, inclined beam segment A, inclined beam segment B (note span of more than 14 meters need to use two diagonal beams), inclined beam to undertake the piece (connecting inclined beam segment A and inclined beam segment B, 14 meters span below without this part), the top node is placed, all parts constitute a gable, that is, the so-called span of the herring-shaped frame. The other gables parts are placed according to the same principle, paying attention to be placed flat on the ground in one direction.

Step 3: Connect the inclined beam A/B segment

Insert section A of the inclined beam into the inclined beam adapter of section B of the inclined beam (we will assemble the inclined beam adapter to section B of the inclined beam when packing), and fasten two screws (note: the small hole is not installed with screws).

Step 4: Install the top node

Connect section AB of the connected inclined beam to the top node, fasten the screws, and tighten them. If it is the first gear, it is necessary to install the wire cable, install the buckle of the end of the wire cable on the second hole of the inclined beam B, fasten the screw, slightly tighten the nut, and be sure to ensure that the buckle can rotate freely

Note: It should be noted that the screw rod is generally toward the inside of the tent, and the screws of the first gable and the second gable are relative to each other, especially the installation direction of the wire cable must be relative, only when the gable is erected can the wire cable be pulled. Install all the top joints and the inclined beam AB section in this way.

Step 5: Install the corner node

Insert the diagonal end of the Angle node into section A of the Angle beam, and connect the upper end of the column to the straight end of the Angle node. At the same time, insert the screw and screw on the nut.

Note: If installing the wire cable and cross bar, install the screw in the hole above the inclined end of the Angle node, and install the screw in the hole below the straight end of the Angle node. Install the other corner nodes in the same way.

Step 6: Connect the column to the bottom plate

Align the lower plug-in holes on the column with the screws connecting the holes on the base plate, and tighten the nuts. The same method is used to connect the other column bottom plate to the column. Pay attention to the entire installation process must be handled lightly, and must be used to assemble the gable pad, move the aluminum must lift the entire frame, to avoid aluminum and sand and other items on the ground friction caused by scratching aluminum surface. In addition, the column and bottom plate can be installed first and then the column and Angle node can be installed, and the effect is the same. After assembling all the gables, place ladders (zigzags) next to the bottom plates on both sides of the first gables to install cross rods behind the gables. Prepare screws, wrenches and personnel, and lift the cross rods to the side of the columns for use. The installation of a 15-meter span tent is best to have more than 12 personnel cooperate with the installation, ready to enter the steps of the gable after all the work.

Step 7: The gable wall

All the personnel are divided into four teams, two people pull the wire rope, two people stand at the corner node, the others are standing at the apex, lift the gable up, after lifting to a certain height, the middle personnel respectively run to both sides to help the gable continue to lift up. The man who pulls the wire rope will also pull the gable upward with the force.

When the whole gable is raised to 70 degrees, be sure to stop, and then slowly erect perpendicular to the ground, at this time the person pulling the wire rope, standing on one side with a little force to stabilize the top. At the same time, several people need to hold the post. Install the flat iron end of the cross rod on the screw below the upper end of the column and tighten the nut. Connect the other end of the cross bar to the bottom hole in the bottom plate of the adjacent second gable, insert the screw and tighten the nut. It should be noted that the bottom plate must be fixed in advance, otherwise the bottom plate will move when pulling up the gable. Use the same method to erect the second gable and install the other two crossing poles. The two gables after the cross bar is installed can be completely released

Step 8: Install beams and purlins

The cross section shape of the beam is in the shape of the house, and the cross section shape of the purlin is square. The installation method is as follows, the beam or purlin bend the hook end up, and then tilt the Angle to hang the hook end into the U-shaped lug on the Angle node or the PI iron on the inclined beam. Use a ladder to slowly lift the straight hook end of the beam/purlin and hang it into the lug of the gable beam or corner joint on the opposite side of the hook. Under normal circumstances, there are three beams between the two gables, that is, one at each end, and one at the top of the middle, and the purlin increases or decreases according to the size of the span. Hang all the beams and purlins of the first gear, for example, 15 meters span, need to hang three beams, four purlins. Then pull the wire cable to the first hole of the Angle node, and tighten, tighten the wire rope must be fixed at the upper end of the wire rope, to prevent the rotation of the wire rope when the cable will also follow the rotation. Erection of other gables and erection of beams in the same way. Because the middle gables are not installed with wire cable, it is necessary to tie the top node with rope to pull and stabilize the gables. Beams and purlins must be installed immediately whenever a gable is erected.

Step 9: Install the support

Connect the center stay to the small hole in section A of the inclined beam, insert the screw, and tighten the nut. After the center brace is installed, hang the side beam into the Angle node and the mounting ears of the center brace. Note that when hanging the side beam, it is necessary to install the side beam fittings from the end of the side beam fittings, hang the side beam fittings end into the hanging ears of the Angle node, and then slowly lift the straight hook end, and install it into the hanging ears above the middle brace, remember that the straight hook end cannot be installed first, otherwise the installation will not be successful. As with the erection of beams and purlins, it is necessary to install from the bent hook end first, and then hang the straight hook end.

Step 10: Install the roof

Thread the straps on both ends of the cloth top into the twine and pull the straps toward the inside of the tent. Then the top of the cloth head on both sides of the rubber strip into the slot of the diagonal beam, the other end of the rope from the entire frame of the tent swung across the opposite, and then four people at the same time to the rope, so that the cloth top along the diagonal beam trough slowly pulled to the opposite side. Remember to pull hard at the same time, otherwise the top of the cloth will be stuck and lead to the pull, to solve this problem just pull back the top of the cloth to a certain position and then re-pull hard at the same time, be sure to move forward at the same time. Pull the other cloth tops in the same way.

Step 11: Install the side triangle

With the installation of the cloth top is almost also need to use the rope, but the installation of the side triangle must be someone to stand (with a high ladder) next to the top node to pull the rope, the difference is that the pull of the side triangle is outside. Insert the side triangle into the slot of the diagonal beam, and then the person standing in the middle pulls up to the rope, while the person standing at the corner node needs to help lift the side triangle so that the rubber strip can go up the slot. When installing the side triangle, we must pay attention to the difference between the right and the left, and do not install the opposite. After the two side triangles are pulled, the center seam pipe is slowly threaded upward from the lower end between the two side triangles where the rubber strip is cut off (the center seam pipe has a flat iron piece facing inward). When it reaches the top node, hang the flat iron into the mounting ear of the top node

Step 12: Install the curtain

Open the curtain, the front side (the side with the rope or the side with the cover) facing outward, and first thread the rubber strip into the place where the groove is milled above the post. Then slowly pull up to the top, plug the hanging code into the gap of the beam milling groove, pay attention to one by one, after plugging, the lower end of the curtain rubber strip is also from the column milling groove down into it, and then the curtain to the middle, and the side with the rope behind the side with the canopy ring, the rope is connected from top to bottom.

Step 13: Install the top pressure rod

Insert the cloth top press rod into the press rod sleeve of the cloth top (that is, there is a double layer sleeve at the two ends of the cloth top), and then put the end press iron inside the press rod, and insert the rectangular screw into the seamless tube of the Angle node.

Note: The middle of the top of the two sheets is connected with direct pressure iron. This step can also be performed in front of the curtain installation.

The last step is to insert the curtain pressure rod (1 inch galvanized pipe) into the curtain pressure rod sleeve at the bottom of the curtain to prevent the wind from blowing the curtain.

At this point, the entire installation process is successfully concluded.

FAQ :

What Kinds of Structures Will I Get From TENDARS?

All of our structures are made with hard-pressed aluminum alloy frame and totally waterproof PVC membrane. In addition, the tent structure is designed into clear span (without any interior column) and modular construction. Such kinds of structures will create the whole interior space for any occasion with a rapid installation.

What is the Standard Size of Clear Span Structures in TENDARS?

TENDARS provides a variety of spans option for our clients. The width can be chosen from 3m (10ft) to 60m (200ft) with unlimited length (expanding by 3m or 5m bay distance). In addition, the diameter of our latest product - TENDARS DOME can be optional from 3m (10') to 100m (300').



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