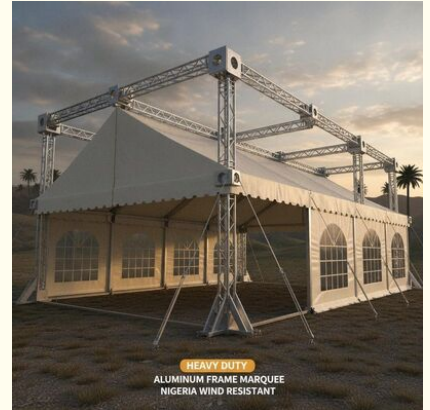


Heavy Duty Aluminum Frame Party Marquee Tent Nigeria Wind Resistant Outdoor Use

Our Product Introduction

Basic Information

- Place of Origin: Guangzhou, Guangdong, China
- Brand Name: Marquees Tent
- Certification: ISO 9001:2015, CE, SGS
- Model Number: AMT-NG-400
- Minimum Order Quantity: 1 Set
- Price: USD 980-5,800 / Set
- Packaging Details: Waterproof woven bag + wooden pallet with steel corner guards, seaworthy export packing
- Delivery Time: 7-15 days for standard sizes, 15-30 days for custom orders
- Payment Terms: T/T, L/C, Western Union, PayPal
- Supply Ability: 500 Sets per Month



Product Specification

- Frame Material: Heavy Duty Aluminum Alloy 6082-T6
- Frame Profile: Reinforced Main Columns With Internal Bracing
- Wind Load Rating: 100-120 Km/h With Full Anchoring Kit
- Bracing System: Cross Bracing + Diagonal Reinforcement At Joints
- Anchoring Options: Ground Stakes, Ballast Weights, Rope Kits, Concrete Base Plates
- Roof Type: Steep Peak Roof For Wind Shedding
- Cover Material: 900g Double-Sided PVC Tarpaulin
- Joint Connectors: Die-Cast Aluminum Connectors, Galvanized Bolts
- Available Widths: 10m / 15m / 20m / 25m / 30m / 40m
- Available Lengths: Custom, In 5m Bay Modules
- Frame Lifespan: 15+ Years With Normal Maintenance
- Fire Rating: DIN 4102 B1 / M2

Product Description

Heavy Duty Aluminum Frame Party Marquee Tent - Engineered for Nigerian Wind & Storm Conditions

Every December, the harmattan brings dry, dusty winds sweeping down from the Sahara. Every rainy season, squall lines bring sudden gusts that can lift an under-engineered tent like a kite. The **heavy duty aluminum frame party marquee tent** is our answer: a structure engineered from the ground up for wind resistance, built for Nigerian conditions.

We use **6082-T6 aluminum alloy** - the highest-strength extrusion alloy commonly used in structural applications - with reinforced columns, cross bracing at every bay and die-cast connectors bolted with galvanized hardware. The result is a frame rated for **100-120 km/h winds** with the proper anchoring kit, not a marketing claim but a calculated structural rating.

This is the tent for event professionals who cannot afford a collapse: large weddings, outdoor concerts, church crusades and VIP functions where safety, reputation and liability are on the line.

Key Features

6082-T6 Aerospace-Grade Alloy: The strongest commonly available aluminum extrusion alloy, delivering steel-like strength at half the weight.

Reinforced Column Design: Main columns feature internal bracing and thicker wall profiles to resist bending under gust loads.

Full Cross Bracing: Diagonal braces at every bay distribute wind forces through the whole structure instead of concentrating them at joints.

Die-Cast Connectors: Precision connectors with galvanized bolts create rigid, rattle-free joints that stay tight for years.

Wind-Shedding Roof: The steep peak roof angle lets wind flow over the tent instead of pushing against a flat surface.

Complete Anchoring System: Choose ground stakes, ballast weights, rope kits or concrete base plates - we engineer the right combination for your site.

Certified Fire-Retardant Cover: The 900g PVC cover meets DIN 4102 B1 / M2 standards, important for public events and venues.

Long-Span Capability: Clear spans up to 40m wide with engineered truss systems - capacity for the largest Nigerian events.

Engineered for Nigerian Weather Realities

Safety note: Every rainy season, Nigerian media reports tent collapses at events - most caused by under-engineered frames and missing anchoring. A properly engineered and anchored marquee is not an expense; it is insurance.

Harmattan-Proof (December-February): The dry harmattan wind carries dust and gusts of 60-90 km/h. Our bracing system and anchoring kits are designed for exactly these conditions.

Storm-Squall Ready: Pre-rainy-season squalls bring sudden violent gusts. The wind-shedding roof and rigid joints keep the structure stable when the sky turns black.

Built for Big Audiences: When 2,000 guests are inside, structural integrity is non-negotiable. Every frame is engineered with a safety factor well above minimum standards.

Long-Term Value: With a 15+ year frame lifespan, this tent outlasts three generations of cheap imported frames - lower cost per event by far.

Trusted by Professionals: Event companies in Lagos, Abuja and Port Harcourt choose heavy-duty frames for their flagship clients and high-profile government functions.

Technical Specifications

Specification	Detail
Frame Material	Heavy Duty Aluminum Alloy 6082-T6
Frame Profile	Reinforced Main Columns with Internal Bracing

Specification	Detail
Wind Load Rating	100-120 km/h with Full Anchoring Kit
Bracing System	Cross Bracing + Diagonal Reinforcement at Joints
Anchoring Options	Ground Stakes, Ballast Weights, Rope Kits, Concrete Base Plates
Roof Type	Steep Peak Roof for Wind Shedding
Cover Material	900g Double-Sided PVC Tarpaulin
Joint Connectors	Die-Cast Aluminum Connectors, Galvanized Bolts
Available Widths	10m / 15m / 20m / 25m / 30m / 40m
Available Lengths	Custom, in 5m Bay Modules
Frame Lifespan	15+ Years with Normal Maintenance
Fire Rating	DIN 4102 B1 / M2

Applications

- Large weddings and traditional ceremonies (500-2,000+ guests)
- Outdoor concerts, festivals and cultural events
- Church crusades and large conventions
- Government functions and official ceremonies
- VIP lounges and presidential/state event pavilions
- Sporting events and award ceremonies
- Industrial functions, company anniversaries and AGMs
- Emergency response and temporary command centers

Why Buy Direct From Our Factory

- 10+ Years of Specialized Experience:** Our factory has designed and manufactured aluminum alloy marquee tents since 2013, delivering 5,000+ structures to clients across Africa, the Middle East, Europe and Southeast Asia.
- Certified Production & Quality Control:** ISO 9001:2015 certified workshop. Every frame batch is weld-tested and every PVC cover is water-tested before packing, so what arrives in Nigeria is ready to erect.
- Aluminum Alloy Engineering Expertise:** We build with 6061-T6 and 6082-T6 aluminum profiles - the same alloy family trusted in aerospace structures - anodized or powder-coated to resist corrosion in tropical climates.
- Proven Nigeria Export Record:** Regular sea freight shipments to Apapa and Tin Can Island ports, Lagos, with complete export documentation, fumigation certificates and seaworthy packing.
- In-House Design & Structural Calculation:** Every configuration is checked with CAD structural analysis - wind load, span, anchoring - before production begins. No guessing, no cutting corners.
- Responsive After-Sales Support:** Spare parts supply, assembly drawings, video guidance and 24-hour replies to technical questions from our export team.

Frequently Asked Questions

- Q: How strong is the frame really?** A: The 6082-T6 alloy frame with cross bracing is structurally calculated for 100-120 km/h winds with the recommended anchoring. We can share the engineering calculation summary with serious buyers.
- Q: What anchoring do I need for harmattan season?** A: For temporary events on grass, heavy-duty ground stakes plus rope kits are standard. On concrete, ballast weights or concrete base plates. Our engineers specify anchoring per your site after order.
- Q: Is the tent more difficult to assemble than standard marquees?** A: Slightly heavier components, but the numbered system and tool-free pins keep assembly practical - typically 6-8 workers for a 20m x 30m structure.

Q: Can it stay erected permanently? A: Yes, with concrete base plates and periodic cover inspection this frame is suitable for semi-permanent installations of several years.

Q: Do you supply replacement parts in Nigeria? A: We ship spare parts worldwide and keep production tooling for every model, so connectors, bolts and covers remain available for the life of your tent.

Q: What is the largest size you can build? A: Clear spans up to 40m wide are available with our engineered truss system. For anything larger, we will design a custom solution with structural calculations.

Simple 4-Step Ordering Process

- 1 Inquiry:** Send us your required size, quantity and event type via Email or WhatsApp.
- 2 Proposal:** Within 24 hours you receive a CAD layout, structural specification, quotation and freight estimate.
- 3 Production:** 7-15 days for standard sizes, 15-30 days for custom printing or special configurations, with production photos before shipment.
- 4 Delivery:** Seaworthy packing, full shipping documents, and remote assembly guidance until your tent is standing.

Contact Us - Get a Quotation for Your Nigeria Project

Ready to order or need a detailed quotation? Our export team replies within 24 hours with pricing, assembly plans and freight cost to your nearest Nigerian port (Lagos, Port Harcourt, Onne or Tincan).

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