



Heavy Duty PVC Party Marquee Tent Aluminum Frame Singapore Commercial Event Canopy Wholesale Supplier

Our Product Introduction

for more products please visit us on marquees-tent.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ECER
- Certification: TUV, ISO 9001:2015
- Model Number: PMT-SG04-HD
- Minimum Order Quantity: 1 Set
- Price: USD 800-5000 / Set
- Packaging Details: Heavy-duty palletized packaging with industrial PE wrap, frame packed in reinforced steel-banded export cartons
- Delivery Time: 10-20 working days after order confirmation
- Payment Terms: T/T, L/C, PayPal, Western Union
- Supply Ability: 300 Sets per Month



Product Specification

- Frame Material: 6061-T6 Aluminum Alloy (64mm Diameter)
- Fabric Material: 900g/m² Reinforced PVC Laminated Fabric
- Waterproof Rating: 100% Waterproof (EN 20811 Certified)
- UV Protection: UPF 50+ UV Block
- Wind Resistance: Up To 100km/h (Beaufort Scale 10)
- Fire Rating: B1/M2 Flame Retardant Certified
- Frame Diameter: 64mm Heavy-Duty Main Pole
- Anchoring System: Commercial-Grade Ground Stakes + Weight Plates
- Temperature Range: -30°C To +70°C
- Highlight: heavy duty PVC party marquee tent , aluminum frame commercial event canopy ,

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Product Description

Our **Heavy Duty PVC Party Marquee Tent** is engineered for demanding Singapore commercial applications. Built with a heavy-duty 64mm

diameter 6061-T6 aluminum frame and reinforced 900g/m² PVC fabric, this tent is designed for semi-permanent installations including tra fair exhibition booths, F&B outdoor dining extensions, retail pop-up stores, and long-term event venues. The commercial-grade anchoring system ensures stability during extended deployment through Singapore monsoon seasons.

Commercial Grade for Singapore Business: Designed for continuous outdoor deployment with 100km/h wind resistance, B1/M2 fire certification for F&B applications, and 900g/m² reinforced fabric for superior durability in high-traffic commercial environments.

- 64mm Heavy-Duty Frame**
Upgraded 64mm diameter 6061-T6 aluminum main poles with reinforced connectors. 40% stronger than standard 50mm frames for commercial semi-permanent installations.
- 900g/m² Reinforced PVC**
Industrial-grade 900g/m² PVC laminated fabric with tear-resistant cross-weave reinforcement. Built to withstand daily commercial use in high-traffic environments.
- 100km/h Wind Resistance**
Engineered for Singapore monsoon conditions. Commercial-grade ground stakes and concrete weight plate anchoring system rated for sustained 100km/h winds.
- B1/M2 Fire Certified**
Full B1/M2 flame retardant certification. Essential for Singapore F&B outdoor dining extensions and commercial venues requiring fire safety compliance.
- 100% Waterproof Construction**
Triple-layer heat-welded seams on 900g/m² fabric. EN 20811 certified waterproof rating with zero leakage guarantee for continuous outdoor deployment.
- Semi-Permanent Installation**
Designed for extended deployment periods of 6-12 months. UV-stabilized fabric and anodized frame resist degradation under Singapore continuous tropical exposure.

Parameter	Specification
Frame Material	6061-T6 Aluminum Alloy (Anodized)

Parameter	Specification
Frame Diameter	64mm Main Pole (Heavy-Duty)
Fabric Material	900g/m² Reinforced PVC Laminated Fabric
Waterproof Rating	100% Waterproof (EN 20811 Certified)
UV Protection	UPF 50+ (Blocks 98% UV Radiation)
Wind Resistance	Up to 100km/h (Beaufort Scale 10)
Fire Rating	B1/M2 Flame Retardant (EN 13501-1)
Connector Type	Reinforced Steel-Core Aluminum Joints
Anchoring System	Ground Stakes + Concrete Weight Plates
Temperature Range	-30°C to +70°C

Heavy-duty manufacturing with 12-stage QC protocol and CNC precision for commercial-grade durability.



Premium Material Procurement

Sourcing 6061-T6 aluminum billets and 900g/m² reinforced PVC fabric. All materials tested for tensile strength, UV resistance, fire retardancy, and tear resistance before production.



CNC Heavy-Duty Tube Cutting

64mm diameter aluminum tubes precision-cut to ±0.1mm using industrial 5-axis CNC machining centers for perfect structural geometry



CNC Joint Machining

Reinforced steel-core aluminum connectors machined with CNC precision. Each joint tested for 500kg+ load capacity for commercial safety margins.



Industrial Anodizing

20µm heavy-duty anodized coating applied for maximum corrosion protection in Singapore coastal and high-humidity environments.



Reinforced Fabric Welding

900g/m² PVC fabric CNC-cut and triple-seam heat-welded with reinforced edge binding — tear strength 3x standard tent fabric.



UV & Fire Treatment

Industrial UV stabilizers and B1/M2 flame retardant treatment applied and tested per EN 13501-1 standards.



Frame Load Testing

Each frame assembly undergoes 1.5x rated load testing. 64mm poles tested for 750kg distributed load capacity.



Wind Tunnel Simulation

Structural wind load testing at 100km/h equivalent in certified simulation facility. Anchoring system validated for sustained commercial deployment.



30-Minute Water Spray Test

Pressurized water spray test (200mm/h equivalent) for 30 minutes verifying zero leakage across all triple-welded seams.



TUV Certification Inspection

Independent TUV Rheinland verification of EN 13782, EN 15619, EN 20811, and EN 13501-1 fire safety standards.



100% Component Inspection

Every frame tube, connector, fabric panel, and anchor inspected for manufacturing defects before packaging.



Industrial Export Packaging

Palletized packaging with industrial PE wrap, steel-banded export cartons, and moisture-absorbing desiccant for Singapore sea freight.

15,000m² Manufacturing Base

State-of-the-art production facility with dedicated heavy-duty frame workshop, industrial fabric welding line, and commercial testing laboratory.

Advanced CNC Equipment

5-axis CNC machining centers, industrial fabric cutters, high-frequency welding machines, and automated anodizing line for heavy-duty production.

10+ Years Commercial Expertise

Over a decade supplying heavy-duty marquee tents to commercial clients across 50+ countries including Singapore F&B groups, event companies, and government agencies.

300 Heavy-Duty Sets Monthly

Dedicated heavy-duty production line with 300+ sets monthly capacity for large Singapore commercial orders and government tenders.

TUV Certified Quality

Full TUV Rheinland certification to EN 13782, EN 15619, EN 20811, and EN 13501-1. ISO 9001:2015 quality management system.

Singapore Commercial Specialist

Dedicated Singapore B2B team with expertise in commercial project requirements, F&B regulations, and government procurement processes.

- TUV Rheinland Certified
- ISO 9001:2015
- B1/M2 Fire Retardant
- EN 13501-1 Fire Test
- EN 20811 Waterproof
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- 50+ Test Report
- Wind Load 100km/h Test
- UV Aging 1000h+ Report
- EN 13782 Compliant
- Frame Load Test Report

Complete certification package and third-party test reports provided for Singapore commercial venue compliance, F&B licensing, and government procurement requirements. SGS and Bureau Veritas inspection welcomed.

Service Item	Coverage	Response Time
64mm Heavy-Duty Frame	5-year warranty (structural failure, corrosion)	48-Hour Response
Reinforced Connectors	5-year warranty (breakage, deformation)	48-Hour Response
900g/m² PVC Fabric	3-year warranty (tear, UV degradation, delamination)	48-Hour Response
Anchoring System	5-year warranty (corrosion, structural failure)	48-Hour Response
Spare Parts Supply	10-year guaranteed spare parts availability	3-Day Dispatch
Commercial Technical Support	Lifetime free engineering consultation	24-Hour Response

Commercial Project Consultation

Expert assessment of your Singapore business requirements including site evaluation, usage intensity, F&B compliance, and expansion planning.

Engineering Drawings & Load Calcs

Professional structural engineering calculations and CAD drawings for Singapore building compliance and venue approval submissions.

Singapore Commercial Logistics

Palletized shipping with Singapore freight partners. Full documentation for commercial import including certificate of origin and packing lists.

Professional Installation Team

On-site installation by trained technicians available for large Singapore commercial projects. Includes anchoring system setup and safety verification.

30-Day Commercial Guarantee

Free express replacement for any manufacturing defect within 30 days. Priority dispatch for commercial operations minimizing business downtime.

Singapore B2B Account Manager

Dedicated account manager for Singapore commercial clients. Direct WhatsApp/WeChat communication with 2-hour response during SGT business hours.

Q: Is this tent suitable for Singapore F&B outdoor dining areas?

A: Yes. Our heavy duty tent is B1/M2 and EN 13501-1 fire certified, meeting Singapore SCDF requirements for F&B outdoor dining extensions. The 64mm frame and 900g/m² fabric are built for daily commercial use with food service operations.

Q: How long can the tent remain deployed outdoors in Singapore?

A: This heavy-duty model is designed for semi-permanent deployment of 6-12 months continuously. The 20µm anodized frame and UV-stabilized 900g fabric resist degradation under Singapore year-round tropical exposure. With proper maintenance, service life exceeds 5 years.

Q: Can you provide engineering calculations for Singapore building compliance?

A: Yes. We provide professional structural calculations, wind load analysis, and CAD drawings certified by our engineering team. Documentation pack supports Singapore venue approval and building compliance submissions.

Q: What is the minimum order quantity for commercial orders?

A: We accept orders from 1 set for trial evaluation. Wholesale pricing applies from 5+ sets. Volume discounts available for Singapore commercial fleet orders of 20+ sets.

Q: What certifications do you provide for Singapore F&B licensing?

A: We provide TUV Rheinland certification, B1/M2 and EN 13501-1 fire test reports, EN 20811 waterproof certification, wind load test reports, and structural engineering calculations. Complete documentation for Singapore F&B licensing and SCDF submission.

Q: How long is your warranty for commercial use?

A: 5-year comprehensive warranty on the 64mm frame and anchoring system, 3-year warranty on 900g/m² PVC fabric. Covers structural failure, corrosion, UV degradation, delamination, and manufacturing defects. Spare parts guaranteed for 10 years.

Q: What are delivery times for bulk commercial orders to Singapore?

A: Production lead time: 10-20 working days depending on order volume. Sea freight: 8-12 days to Singapore port. For urgent commercial openings, air freight is available (3-5 days). DDP door-to-door service includes customs clearance and GST documentation.

Contact our B2B team today for a tailored commercial quotation, engineering documentation, and volume pricing for your business.

Get Commercial Quote — Free
Consultation



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