



PARA TENT

FROM A PARACHUTE TO A TENT
VERSATILE UTILITY IN DIVERSE SITUATIONS

ParaTent is an innovative dual-purpose military field solution that transforms a cargo parachute into a fully functional, energy-independent shelter after deployment. Once the parachute has completed its primary mission of delivering equipment or supplies, it can be rapidly converted into a spacious tent capable of accommodating 6-8 persons.

01

02

By combining logistics, sustainability, and field accommodation in a single system, **ParaTent** enhances operational efficiency and reduces the logistical burden on personnel operating in remote locations.

03

Designed for military operations, emergency response, and remote field deployments, **ParaTent** maximizes resource utilization by giving a second life to equipment that would otherwise become redundant after landing. Integrated solar power generation and energy storage systems provide electrical autonomy, while the lightweight, portable design enables quick assembly and mobility in challenging environments.



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PARA TENT

FUNCTIONAL AND TECHNICAL CHARACTERISTICS

01

- Total kit weight: 30 kg
- Parachute size: 65 m²
- Parachute weight: 10 kg
- Living tent area: 65 m²
- Capacity: 6-8 people
- Tent height: standing height up to 220 cm

02

- Panel efficiency: 21.75%
- Panels use the latest improved micro-crack-resistant technology and are one-third lighter than silicon solar panels of equivalent power
- Panels made from waterproof IP66 nylon with an adjustable mounting system
- Mini portable power station and four ultra-light lithium batteries for energy storage, capacity 200 Wh
- The mini portable power station includes an integrated MPPT solar charge controller supporting up to 650 W of solar input
- Charging from 0-80% in 40 minutes using a single cable with a maximum input power of 1500 W
- Supports a silent charging mode during sleep at below 43 dB (quiet whisper level)
- Electrical power availability for up to 30 days, or continuously with daily recharging



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03

- Parachute material: ripstop fabric, 84 g/m² (UV protection and IP65 rating)
- Suspension lines: Liros and Edelrid
- Cargo attachment and tent tensioning straps: G&W
- Parachute descent speed: 5 m/s
- Foldable fiberglass telescopic poles, maximum length 80 cm
- Ropes, hammer, tent pegs, rope-cutting knife
- ParaTent kit carrying bag size: 80 × 40 × 40 cm (L × W × H)
- Mobile foldable tent awning/cover with 4 integrated solar panels (modules), power output 200 W
- Tent awning panels: 180 cm × 35.5 cm, thickness 0.76 cm, weight 1.996 kg

