

5G-Trailer



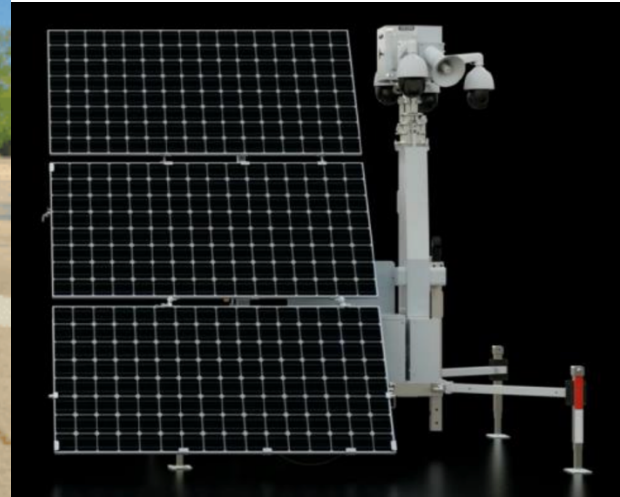
Trailer for Cell on Wheel

The GMG ONYX Trailer is a mobile, self-contained platform engineered to support GMG's Private 5G solutions. Designed for rapid deployment and mobility, it provides a complete network-ready environment capable of hosting edge computing, radio access, and backhaul systems in a single towable unit. The trailer's rugged construction, integrated power distribution, and environmental control make it ideal for field, defense, industrial, and remote site deployments.

Hardware Specifications	
Frame	Heavy-duty steel frame with integrated lifting points and leveling jacks
Chassis	Dual-axle design, highway legal, DOT-compliant
Enclosure	Weatherproof IP65-rated compartment for equipment integration
Rack Space	42U standard 19 in rack capacity with vibration isolation
Mast System	Telescoping mast up to 32 ft (9.75 m) with manual or powered lift
Power Distribution	Prewired AC distribution panel and grounding system
Environmental	Climate-controlled compartment for electronics and power systems
Lighting	Integrated LED work and area lighting
Cable Management	External routing with sealed pass-through ports

Physical Specifications	
Length	14 ft (4.27 m)
Width	7 ft (2.13 m)
Height	8 ft (2.44 m)
Weight	Approx. 4,800 lb (2,177 kg)
Mast Height	32 ft (9.75 m)

Ground Clearance	16 in (406 mm)
Operating Temperature	-20°F to 131°F (-29°C to 55°C)



Regulatory Compliance

The GMG Trailer meets or exceeds all applicable standards for highway transport, safety, and environmental performance. It is constructed in compliance with DOT, SAE, and ISO standards for mobile communications infrastructure systems.

- DOT and SAE J560 compliant
- ISO 1496 certified structure
- FCC Part 15, Class A EMC compliance
- EU RoHS and REACH compliant
- UL 62368-1 / IEC 62368-1 safety standards

Global Part Numbers

GMG-TRLR-001	ONYX 5G Trailer 600
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