

MTGA 300 Series Trailer/Skid

The MTGA 300 series trailer and skid is a dual-axle (Trailer only) mobile communications infrastructure solution designed to support approximately 180 – 300 Watts of continuous power draw with an effective redundancy of up to five (5) days on batteries alone. The trailers/skids are designed to handle the harsh Australian environment and are generally maintenance-free. Our clients typically utilise this model of trailer/skid to in LTE Small-Cell or Metro-Cell applications.

This solution utilises six (6) high-efficiency 360 - 400 Watt solar panels using a patent-pending sliding assembly allowing for safe, simple, and easy single-personnel deployment. Having a sliding array assembly enables compact stow for transport eliminating an elaborate set-up and pack-down process for multiple solar panels.

The trailer supports a 5 – 14 metre Linear actuated, pneumatic or cable-actuated mast for the deployment equipment, and includes two (2) IP66 rated enclosures housing the power equipment and communications hardware.

The 300 series trailers feature batteries housed within an ergonomically designed tray and sliding drawer assembly to provide ease of access. The trailer model is also ADR compliant and specifically designed to weigh less than two (2) tonnes so that they can be road licensed and towed by a light vehicle if required.

Specifications	
Mass	Approx. 1800 kg
Type	ADR Compliant Trailer/skid
Power Output (Cont.)	180 – 300 Watts
Mast Height	4 – 14 metres
Mast Type	Pneumatic, Cable-Electric, Aluminium Lattice or Linear Actuator
Supported Headload	30 – 50 kg (at Apex)
Supported Wind	80 – 112 km/h @ 0.35m ² (Un-Guyed)
Battery Redundancy	Up to 5 Days
Solar Panels	6 x 360 - 400 Watt
Batteries	12 - 16 x 12V 120Ah or 6V 225Ah Deep Cycle AGM or 2V 150Ah LiFePO4
Battery Configuration	12V / 24V / 48V
Enclosures	2 x Mild Steel Powder-Coated (600x600x300mm)

