

Communications Infrastructure Specifications

MTGA 200 Series Trailer/Skid

The MTGA 200 series trailer and skid is a mobile communications infrastructure solution designed to support approximately 100 – 150 Watts of continuous power draw with an effective redundancy of up to five (5) days on batteries alone. The trailer/skid are designed to handle the harsh Australian environment and are generally maintenance-free. Our clients typically utilise this model of trailer/skid to support LTE or Wi-Fi mesh networks.

This solution utilises three (3) 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 – 8 metre Linear actuated mast for the deployment equipment and includes two (2) IP66 rated enclosures housing the power equipment and communications hardware. The trailer/skid can support up to a 14-metre mast of any required type.

The 200 series trailer/skid 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. 1300-1500kg
Type	ADR Compliant Trailer/skid
Power Output (Cont.)	100 – 150 Watts
Mast Height	5 – 14 metres
Mast Type	Linear actuator (other as requested)
Supported Headload	35 kg
Supported Wind	85km/h if deployed 120km/h stowed
Battery Redundancy	Up to 5 Days
Solar Panels	3 x 360 - 400 Watt
Batteries	4 - 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) or (800x600x300)

