

MTGA Arctic Boom Gate Trailer

The artic boom gate trailer is a trailer-mounted boom gate solution that can utilise various gates depending upon the client requirements. A 3KW generator with battery back-up powers the trailer and is plugged directly to the batteries keeping them charged. The 100L tank and battery back up combination allows up to 28 days between fill ups with 50% light duty cycle..

The artic boom gate trailer houses eight 6v 225AH batteries and is capable of operating for two days without generator charge on batteries alone. The batteries are housed in an ergonomically designed sliding drawer to provide ease of access for inspection or replacement.

The arctic boom gate trailer is available with either AC or DC outputs and features one IP rated cabinet for all components. Both the electrical cabinet and battery tray are insulated by high-density foam to retain internal heat from the electrical components inside the trailer, so they do not freeze in the harsh cold climate. The trailer is also equipped with a 5-metre mast with 280w of high lumen output LED flood lights to ensure vehicles can see the gate, or mounting cameras to monitor the traffic of the area.

Included are all standard safety features such as wheel chocks, high visibility powder coating and tape, indication lights, inertial braking system and a night safety beacon. Also, there is a large outrigger footprint to ensure high wind stability as well as towable by any light vehicle. The boom gate trailer is designed to run autonomously once deployed with optional data feedback including generator state and fuel level.

Specifications	
Mass	Approx. 1500 kg
Type	Trailer
Generator Power	3KW
Supported Wind	80-115 km/h
Battery Redundancy	28 Days+ (light cycle dependant)
Batteries	8 x 6V 225AH Deep Cycle AGM
Battery Configuration	12V / 24V
Enclosures	Mild Steel Powder-Coated (600x600x300mm)
Boom gate type	Various
Mast Height	5m
Mast type	Linear actuated

