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Powertec Wireless Technology  
ABN: 42 082 948 463  
PO Box 1034, Ashmore City  
Queensland, Australia, 4214  
sales@powertec.com.au  
1300 769 378

# **AMT 4G Repeater Trailer, 610 W Solar, 8m Electric Winch Mast with Rotator**

MPN  
TBA

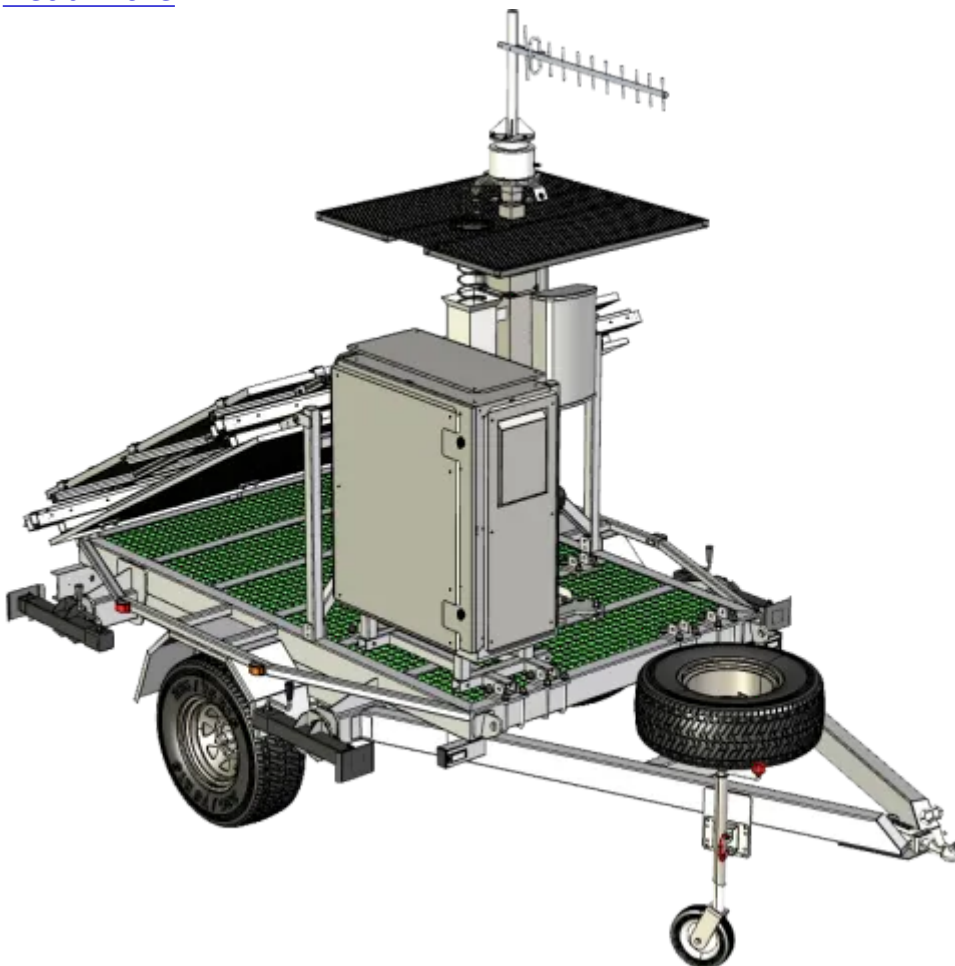
**Description**

Powertec have developed a rapid-deployable cellular communications platform that provides mobile phone and data coverage within minutes of setup. The system uses Cel-Fi repeater technology to broadcast Telstra/Optus/Vodafone 4G service throughout the immediate surrounding area (up to 400 m, 90° arc). A range of technology options are available, with WiFi, CCTV, Starlink bolt-on kits available on request. The trailer can be deployed as a managed service with GPS tracking, remote steerable antennas also available.

Operation is simple and effective; the 6-section retractable mast is extended using the electric winch's remote control. A toggle switch is used to rotate the top antenna to point towards the best serving base station (obtained through Powertec's NCM). The Service Antenna, positioned in the middle of the mast, can be manually rotated to the direction in which coverage is required.

The system is based off APAC's industry-leading ...

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## Powertec

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

## Physical Specification

Subtype

[Trailer](#)

Weight

750 kg

Dimensions

4,500 × 2,500 × 2,670 mm

APAC AMT Alloy Modular Trailer, Single-Axle, Base Chassis



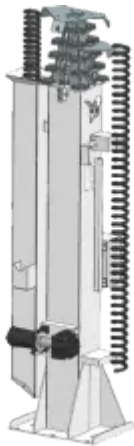
No. Axles

1

Trailer Coupling

50 mm Ball Hitch  
Braking System  
Mechanical Brakes  
Running Clearance  
600 mm  
Deck Height  
850 mm  
Trailer Connector  
7-Pin Flat  
Suspension  
Leaf Spring

,  
Electric Winch-Up Mast 1.8m Retracted, 7.8m Extended, 50kg Payload, Electric  
Rotator, 1x Cat6 1x PTL-240 Spiral Cable



Retracted Height  
1.8 m  
Max. Payload  
50 kg  
No. Sections  
6  
Lifting Mechanism  
Winch  
Extended Height  
7.8 m  
Lifting Time  
< 2 min  
Locking  
Non-Locking

**Subcomponents**

Quantity	Subcomponent
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- 1 [APAC AMT Alloy Modular Trailer, Single-Axle, Base Chassis](#)
- 1 [GRP Flooring for APAC Single-Axle Alloy Modular Trailers, Factory Installation](#)
- 1 [Interface Bracket for 7.8m Winch-Up Mast to suit APAC Alloy Modular Trailer Series](#)
- 1 [Electric Winch-Up Mast 1.8m Retracted, 7.8m Extended, 50kg Payload, Electric Rotator, 1x Cat6 1x PTL-240 Spiral Cable](#)
- 1 [Aluminium Isolation Screen for Winch-Up Masts, Twin Pole Mounts, 1100 x 1100 mm](#)
- 1 [Enclosure Bracket for AMT Platform, 1000x800x400 Enclosure](#)
- 1 [AES 316L Stainless Steel Cabinet 1000Hx800Wx400D, with Sunshield, Vents & Vent Hoods, IP65](#)
- 1 [Single Tube Headframe for Winch-Up Mast Series, 500 mm](#)
- 1 [Solar Frame for AMT Platform, 2x 305 W Panel, Fixed](#)
- 1 [G41 Repeater Subassembly for 24 Vdc Integrated Platforms with Winch-Up Masts](#)

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