

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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Physical Specification

Subtype: Trailer Dimensions: 4,500 × 2,500 × 2,670 mm

Weight: **Powertec**
750 kg



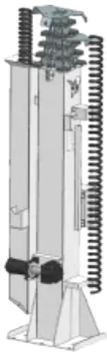
Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement,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

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



| | | | |
|--------------------|-------------------|--------------------|-------------|
| No. Axles: | 1 | Deck Height: | 850 mm |
| Trailer Coupling: | 50 mm Ball Hitch | Trailer Connector: | 7-Pin Flat |
| Braking System: | Mechanical Brakes | Suspension: | Leaf Spring |
| Running Clearance: | 600 mm | | |

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

Subcomponents

| Quantity | Subcomponent |
|----------|---|
| 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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