



BRITETECH

A Division of Briteforce

Comms TRAILER

**Wireless Communications Trailer
450Ah Electric 4 Panel WCT450(E)-4P**

If you are looking for high quality platform for your mobile communications, then look no further than Britetech's mine specification Wireless Communications Trailer WCT-E (Electric Mast). Ideally suited to the Australian mining industry, the WCT-E is built to cope in the toughest conditions and as it weighs less than 2 tonnes per tower, it can easily be towed by any on-site vehicle.

The electrically operated model reaches a maximum height of 8 metres and a customer specific headstock can be optioned, comes standard with static head and two mounting poles, all conveniently controlled from the ground. With safety paramount, the WCT-E features a convenient one-man operation, significantly reducing the likelihood of handling injuries or the requirement of extra personnel.

Mast rotates 360°



- 2 X 360W SOLAR PANELS
- USER-FRIENDLY
- MINE SITE READY
- SIMPLE ONE PERSON OPERATION
- QUALITY AUSTRALIAN MADE
- STATIC HEAD STANDARD (ELECTRIC PAN & TILT ATTACHMENT - OPTIONAL)
- AUTOMATED SOLAR PANEL DEPLOYMENT - OPTIONAL

**INDUSTRY
LEADERS IN
SUPPLYING
HAND BUILT,
HIGH QUALITY
PRODUCTS**



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WCT450(E)-4P

COMMUNICATIONS TRAILER SPECIFICATIONS

DESCRIPTION

Designed for safe, single operator use. Comms gear accessible from ground level	(Red) Minsafe Lockable dual pole battery Isolator Switch
Easy to operate Control Panel (Lockable)	Communications gear cabinet (lockable) IP66 rated 600H x 600W x 300D Stainless Steel
Full 8.3m High Multistage Electric Mast Linear actuator driven	Aluminium heat shields powder coated pearl white
Cable management on mast, in full conduit fixed to mast	Lockable control/power cabinet
Cable Over-Ride Brakes	Victron energy MPPT 250/60
75mm Ring Hitch	Victron SmartShunt 500A / 50mV - Bluetooth Battery Shunt
Stabilizer legs with sprung loaded locking pins that protrude right through both sides of the leg	Victron Cerbo GX
Forklift Pockets and Two Point Lifting Point (Certified)	GX Touch 50
Wind Load Certified to 90 km p/h at full height with a maximum 38kg of communications equipment with a sail area no greater than 0.4m ² at 8m mounted height	Britetech GPS USB Puck
Emergency Stop	Various Circuit Breakers for DC C Curve
Locking Mast Stow Pins	Aluminium junction boxes
16 x 7 ROH Track 2 Wheels 6 stud L/C tyres BFG AT KO2	Rugged Mine Spec Chassis
H/Duty Off-Road Suspension Single Axle 2 tonne	Stainless steel and traffolyte labels where required
LED Taillights Road Registrable Features	Stainless steel cable labelling where required
Sand Blasted, Zinc Powder Coated Prime & Powder Coated Colour Briteforce Blue	LCOM Cat5e Outdoor Shielded and stranded cable
High-Vis Plant numbers on both sides and rear of trailer. High-Vis Strips on Legs, Draw Bar, Rear, and both sides of Trailer	CAT6 1RU patch panel
395W Max3 Sunpower Solar panels	90° pan and 40° tilt mounting mechanism for PMP450i SM (operated from control panel)
Solar panel angle of array 30°	Mounting bracket for Chosen Communications Equipment
2 fixed solar panel 2 opening panel. The opening panel when closed protects the two panels	Dome CCTV camera mounting bracket suits 1½" NPT fitment
Electrically operated solar panel deployment	FAT conducted for each individual trailer
Aluminium floor plate on underside of solar panel frames	RPEQ/CENG engineered approved
Stainless steel gas struts	Electrical schematics and cable schedule for comm's and power
450Ah LiFePO4 Battery pack 48VDC	Wheel chock & S/S bracket x 2
50 amp Anderson plug for each Battery	4.5 kg dry chemical fire ext with quick release brackets
230V AC - 48V DC - 37A Charger to allow for external battery charging C/B and Dog Lock	Lifting and tie down points painted yellow
Lockable 4 Pole 32A DC PV Isolator 1000V	Gland fitted to drain hose at bottom of controls enclosure
	Red Stainless-Steel Emergency Stop Labels with white text
	Trailer Bracket and Trailer Name Label to be installed on LHS Mud Guard
	Stainless steel fasteners

DIMENSIONS

Overall Width Stowed 2100mm	Overall Height Stowed 2470mm
Overall Length Stowed 2458mm	Wind Load Certified 90 km/h
	Weight 1800kg Approximately

8 metres
when fully
extended.



Safe and simple one person operation



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