Eco Communications Trailer
ECT300E

If you are searching for a reliable and cost-effective solution for your mobile communications needs, Britetech's **Eco Communications Trailer ECT300E** is the ideal choice. Designed as the entry-level platform in our portfolio, the ECT300E combines high-quality features with economical efficiency, making it a perfect fit for the Australian mining industry and other demanding environments.

Built to thrive in tough conditions, the ECT300E is lightweight, with a total weight under 2 tonnes per trailer, ensuring it can be easily towed by any on-site vehicle. Its robust design prioritizes safety and efficiency, offering an **electrically operated mast** that extends up to 8 metres. The trailer is equipped with a static headstock and two mounting poles, with the option to customize the headstock to meet your specific requirements.

Safety is at the core of the ECT300E's design. It features a **convenient one-person operation**, reducing the risk of handling injuries and eliminating the need for additional personnel. All operations can be managed from the ground, ensuring ease of use and enhanced safety for your team.

Choose the **Britetech ECT300E** for an affordable, high-quality mobile communications platform that meets the rigorous demands of Australia's mining sector. With its rugged construction and smart design, the ECT300E stands out as the ultimate solution for your on-site communication needs.

*Trusted Brand ★ High Quality
Buy local & support our economy!
Proudly made in Australia*

INDUSTRY LEADERS IN SUPPLYING HAND BUILT, HIGH QUALITY PRODUCTS

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AFTER HOURS SUPPORT · AFTER HOURS SUPPORT

HIGH TENSILE STRENGTH

SAFE ONE PERSON OPERATION

AUSTRALIAN MADE · QUALITY BUILT

ENGINEERED CERTIFIED SOLUTION

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ECT300E ECO COMMUNICATIONS TRAILER SPECIFICATIONS

DESCRIPTION

Designed for safe, single operator use. Comms gear accessible from ground level	50mm O pole 600mm long on top of mast for mounting communications equipment
395W Max3 sunpower solar panels	Cable override brakes
Solar panel angle of array 30°	50mm ball hitch
1 fixed solar panel 1 opening panel. The opening panel when closed protects the two panels	Heavy duty wind down out rigger legs
Aluminium floor plate on underside of solar panel frames	Forklift pockets and two point lifting point
Stainless steel gas struts	Wind load certified to 100 km p/h at full height with a maximum 38kg of communications
AGM GEL batteries 12VDC 300Ah	Equipment with a sail area no greater than 0.4m' at 8m mounted height
Lockable 4 pole 32A DC PV isolator 1000V	
Lockable dual pole battery isolator switch with red lock out	Emergency stop
Communications gear cabinet zinc powder coated (lockable) 600H x 600W x 300D IP66 rated	Locking mast stow pins
	16 x 7 ROH track 2 wheels 6 stud L/C
Lockable control/power cabinet	H/Duty off-road suspension single axle 2 tonne
Victron energy MPPT 250/60	LED taillights road registrable features
Battery fuel gauge Victron BMV 700	Sandblasted, zinc powder coated prime & powder coated colour Briteforce blue
C/B miniature C curve din rail mount circuit breaker 16A 2P	
C/B miniature C curve din rail mount circuit breaker 2A	High-vis strips on legs, draw bar, rear, and both sides of trailer
Aluminium junction boxes	Standard decal labels where required
Rugged mine spec chassis	Standard wrap around cable labelling where required
Easy to operate control panel	Ubiquiti TOUGHCABLE TC-Carrier TOUGH cable, level 2 CAT5e
Full 8m high multistage electric mast linear actuator driven	FAT conducted for each individual trailer
Cable management on mast, in full conduit fixed to mast	Electrical schematics and cable schedule for comms and power

AVAILABLE OPTIONS

240V AC - 48V DC charger to allow for external battery charging-on board charger	Dual pole battery isolator for solar isolation with yellow lockout bracket
Wheel chock & S/S bracket x 2	LED amber flashing beacon on solar panel frame
4.5kg dry chemical fire ext with quick release bracket	LED amber flashing beacon on top of mast
	Novaris RJ45 surge protector each (RJ45-1CAT6)
Stainless steel, traffolyte labels and stainless-steel cable labelling where required	Novaris power surge diverter each (IDD2-40-50)
	DIN captive lock dog 6.5mm
75mm ring hitch	Remote plug-in pendant to operate mast with 15 metre lead
RAJANT Peregrine mounting bracket	
Communications gear cabinet IP66 rated 600H x 600W x 300D stainless steel	Aluminium communications cabinet heat shields
	Galvanized chassis
Dome CCTV camera mounting bracket suits 1¬Ω" NPT fitment	Galvanized solar panel frame 2P
Electrically operated 90¬∞ pan and 40¬∞ tilt device to suit Cambium PMP 450i SM	Anderson plug connection battery option (300Ah)
	Electrical REPQ certification
Hi vis asset numbers black background reflective font	Victron SmartShunt 500A / 50mV - bluetooth battery shunt
Hi vis asset numbers black font reflective background	Victron cerbo GX & GX touch 50
Installation of all comms equipment per unit	BFG AT KO2 tyres x 2
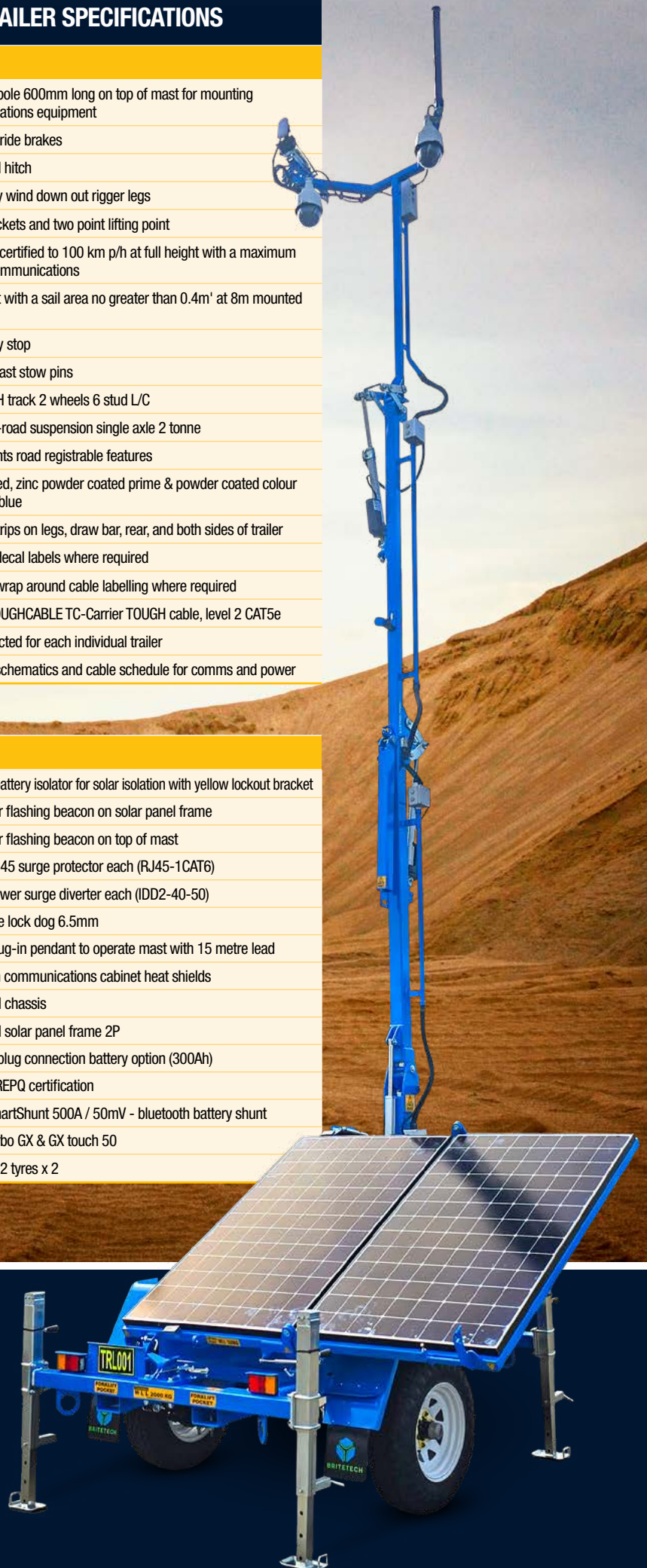
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