

SOLAR TRAILERS

QUAD PANEL SOLAR TRAILER

The quad panel RDS Solar trailer is a highly versatile mobile solution suitable for a wide range of applications where multiple technologies and devices are required on a single platform. The solar array features the unique, CBO designed folding solar expansion module to allow the array to remain within the footprint of a single axle platform when relocation is required. With upgraded suspension and increased load carrying capacity, the RDS Quad Panel RDS trailer can deliver the highest performance possible on a single axle solution.

FEATURES

PERFORMANCE

Load	200 Watts
Autonomy	3 Days (no-sun run time)

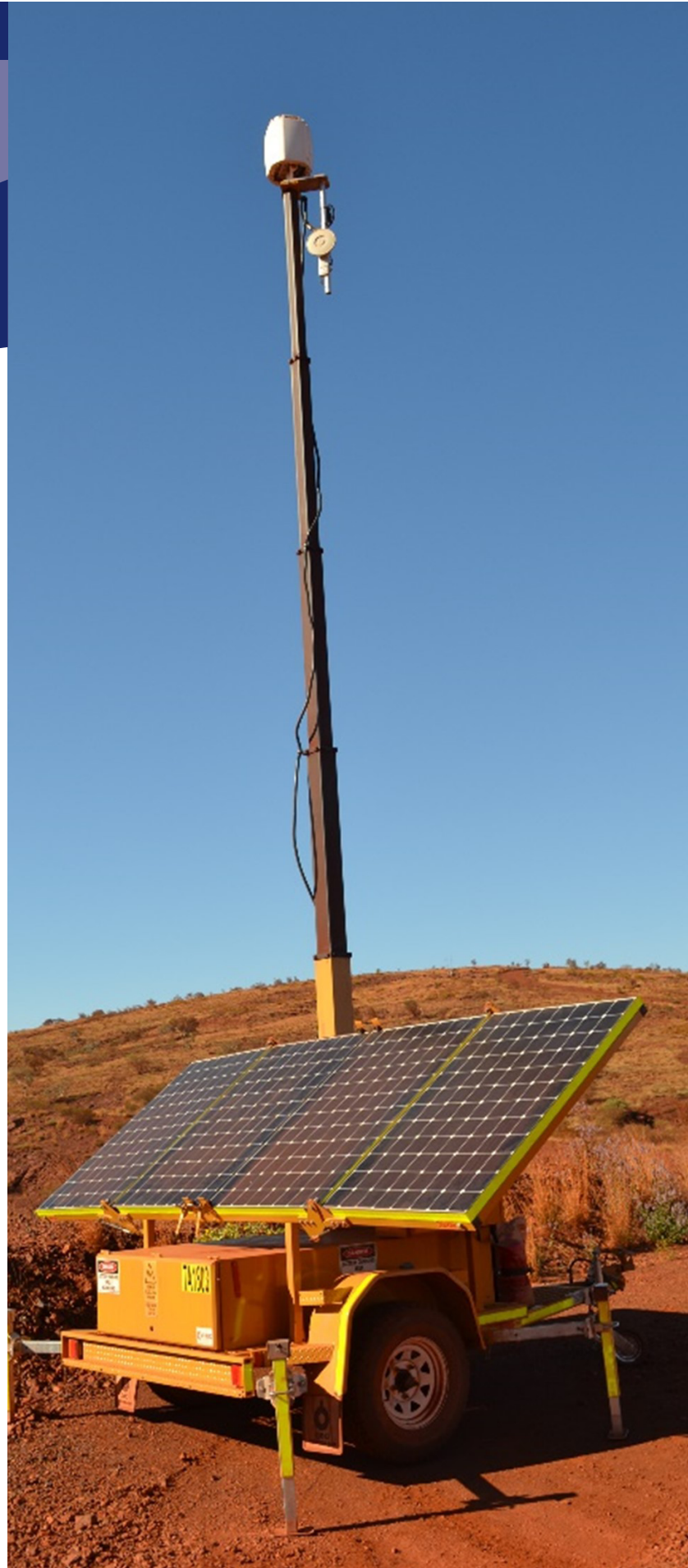
*Performance figures are indicative only and subject to location and final configuration.

DIMENSIONS

Overall Length	3.9m
Overall Width	2.2m
Overall Height	2.2m (transport mode, excluding elevation option)
GVM	2000kg
TARE	1750kg (approx)
MAX Client Load	250kg (approx)

MECHANICAL

Materials	Mixed Size, structural mild steel
Finish	Hot dip galvanising
Suspension	Heavy duty leaf springs
Braking	Mechanical over ride disc
Rim Tyre Size	235/65R16
Tow Hitch	50mm Ball OR 76mm Pintle Ring



BATTERY BANK

Bank Options	12v @ 1500 a/hr OR 24v @ 750 a/hr OR 48v @ 370 a/hr
Battery Enclosure	Fixed position, top lid, rear access, IP54 (Optional single row roller slide available.)
External DC Charge Point	50 Amp Anderson Connector

SOLAR ARRAY

PV Panels - 4 OF	Sunpower MAX3 360w (Optional upgrade to MAX3 400w panel available)
Array type	Adjustable angle - 0 to 55 degrees.

POWER CONTROL & DISTRIBUTION

Solar Regulator	Multi Power Point Tracker (MPPT)
Circuit Breakers	C Curve DC rated Single Pole
Master Isolators	Single Pole
Enclosure PC&D	Steel powdercoated, 600 x 600 x 300, IP66
Available Circuits client	4 - Common voltage
Enclosure - Client Equipment	Steel powdercoated, 600 x 600 x 300, IP66

ELEVATION OPTIONS

CBO has multiple options for elevation solutions available and our specialists are keen to assist in selecting the right solution for the devices to be installed. We possess indepth knowledge and understanding of the impacts of weights and sail areas on the performance of masts and the supporting platforms.