

SOLAR TRAILERS

SINGLE PANEL SOLAR TRAILER

The single panel RDS Solar trailer is suitable for low draw, single device loads and offers the end user a robust, yet easy to handle mobile platform suitable for applications such as Wifi Mesh Access Points, CCTV and repeater systems. The universal nature of the RDS design allows for customisation with differing elevation solutions, additional or alternative equipment cabinets and increased battery bank sizes to ensure the end solution will meet each clients needs.

FEATURES

PERFORMANCE*

Load	50 Watts
Autonomy	4 Days (no-sun run time)

DIMENSIONS

Overall Length	3.9m
Overall Width	2.2m
Overall Height	2.2m (transport mode, excluding elevation option)
GVM	1700kg
TARE	1100kg (approx)
MAX Client Load	600kg (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 @ 500 a/hr OR
	24v @ 250 a/hr OR
	48v @ 125 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



SOCIAL ARRAY

PV Panel -1 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 450 x300, IP66
Available Circuits	2 - Common voltage
Enclosure	Steel powdercoated, 600 x 450 x300, 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 in depth knowledge and understanding of the impacts of weights and sail areas on the performance of masts and the supporting platforms.