

RDS VSAT TRAILER

The RDS VSAT was primarily designed as a mobile platform to house and support the sensitive equipment required for auto acquire satellite based communications systems. Due to the universal nature of the design, the VSAT has been used for other applications such as as a power platform for in-field proof of concepts and LTE small cells. With a 4.8Kw 240VAC generator and 24RU and the option of a recirculated, closed environment air-conditioning system, this asset can be of value in many different configurations.

FEATURES

DIMENSIONS

Overall Length	4.2m
Overall Width	2.2m
Overall Height	1.7m (Option to upgrade to 2000kg GVM)
GVM	1700kg (Option to upgrade to 2000kg GVM)
TARE	1300kg (approx)
MAX Client Load	400kg (approx)

MECHANICAL

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

ENCLOSURE

Materials	Fully welded aluminium with internal skeleton frame
Enclosure finish	Powdercoat White (Optional colours available upon request)
Enclosure Configuration	1 X Generator Compartment, ventilated 1 X Equipment Compartment suitable for up to 24RU 1 X Storage Compartment (1.5m x 1.2m x .6m)
Security	Lockable, keyed alike



POWER CONTROL & DISTRIBUTION

Generator	4.8kw,240VAC electric start watercooled, quite diesel
Shore power input	15A, Single phase
System control	Intelligent Autonomous Managed Power System (I-AMPS)
Protection	RCD
Circuitry	AS3000 compliant
Available Circuits - Client	2 @ 240VAC

ELEVATION OPTIONS

The versatility of the VSAT platform allows for the safe, effective integration of telescopic elevation solutions up to 12m. In some instances, two telescopic masts have been integrated to provide the client required separation for the relevant mast mounted devices.