



BRITETECH

A Division of Briteforce

RDU-S

6m

The RDU-S 6m is a rapidly deployable unit designed to provide an autonomous power supply for communication systems in remote locations.

Standalone Power Supply

The RDU-S operates independently, enabling off-grid deployment.

Robust Mounting and Signal Coverage

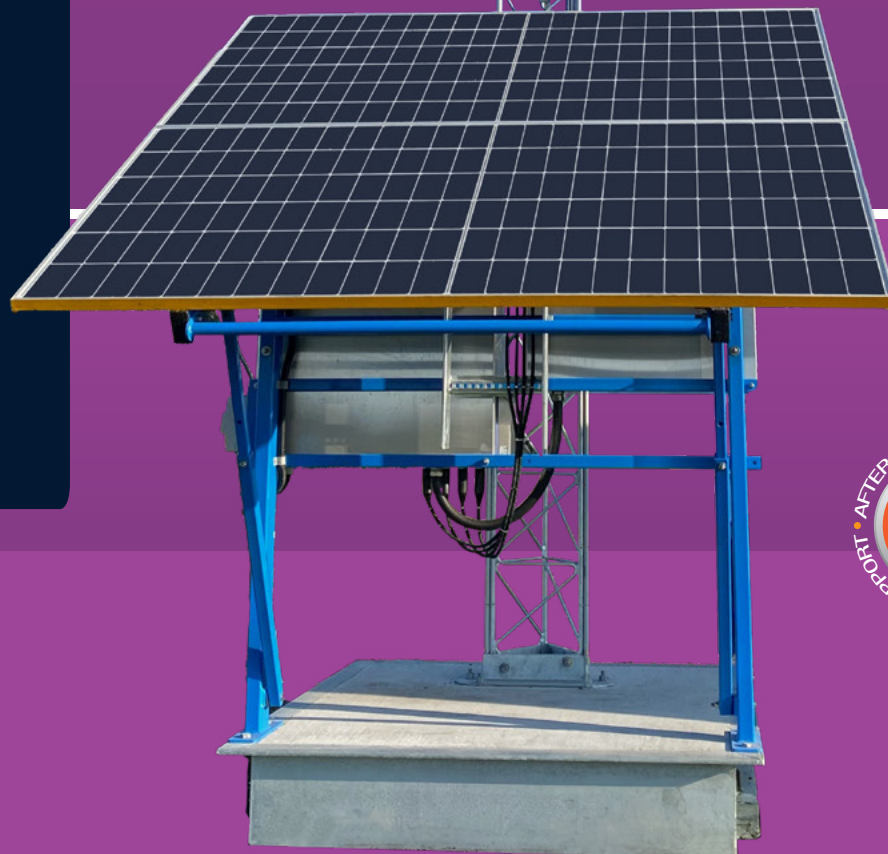
The unit has a 6-meter freestanding mast for reliable equipment mounting and optimal signal coverage.

Remote Monitoring

Remote monitoring capabilities provide real-time tracking and alerts for proactive maintenance.

Durable Construction

The unit features weather-resistant materials, ensuring durability and reliability in challenging environments.



ADDITIONAL FEATURES

- Solar panels on adjustable arms allowing for a range of 15-45 degrees.
- Effortless setup and compact folding design for convenient transportation.
- Diesel generator integration for continuous power.



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RDU-S 6m PRODUCT DATASHEET

DESCRIPTION	
Dimensions	H:3400mm W:2300mm L:1800mm
Weight	1,900kg approx.
Installed Solar Array	2 x 580W monofacial modules
Solar Array Angle	15-45 degrees
Smart Solar Charger	Victron MPPT 150/35
Battery Charger	Victron Titan 48V/25A
Battery Voltage	51.2V DC
Equipment Voltage	12V, 24V, 48V
Battery Capacity	Up to 3 x 74.2Ah 51.2VDC Lithium Ferro Phosphate (LiFePO4)
Battery Autonomy	Typically, 3-5 days depending on average load
Battery Design Life	10 years
Remote Communication	Victron VRM
Standards Compliance	AS3000, AS3008, AS3015, AS1170, AS3600, AS4100



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In association with

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