



**BRITETECH**

A Division of Briteforce

# CPS-6S

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



## ADDITIONAL FEATURES

- Up to two (2) 42RU communication racks
- Solar panels on pivoting arms with gas struts for rapid and safe deployment
- Diesel generator integration for continuous power

### Standalone Power Supply

The unit operates independently, enabling off-grid deployment.

### Remote Monitoring

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

### Temperature Management

An integrated DC air conditioning system maintains battery temperature for extended lifespan and performance.

### Environmental Protection

Sealed access doors protect components, with optional pressurisation to prevent dust ingress.



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## CPS-6S PRODUCT DATASHEET

DESCRIPTION	
<b>Dimensions (Skid Shelter)</b>	H:3000mm W:2500 L:3700mm H:2450mm W:2500mm L:2800mm
<b>Weight</b>	Transport: 6400kg approx.
<b>Wall Construction Material</b>	Coolroom panel or HDG steel framed wall clad with Lysaght Panelrib@XRW
<b>External &amp; Internal Finish</b>	Surfmist
<b>Flooring</b>	Solid concrete with Class R9 minimum, heavy duty Vinyl floor covering (AS 4586)
<b>Roof</b>	Skillion type with Colorbond@ flashing and rain canopy
<b>Air Conditioning</b>	48VDC split system air-con
<b>Access Door</b>	1x personal access entry door with stainless steel door hardware
<b>Communication Rack</b>	1x 42RU 600x800mm Rittal TS-IT cabinet
<b>Battery Rack</b>	1x 42RU 600x800mm Rittal TS-IT cabinet
<b>Installed Solar Array   Angle</b>	6 x 450W bifacial modules   Adjustable (20-35 degrees)
<b>Solar Regulator</b>	1x Victron MPPT 250/60
<b>Battery   Equipment Voltage</b>	51.2V DC   12V, 24V, 48V (regulated)
<b>Battery Capacity</b>	Up to 16 x 78Ah Lithium Ferro Phosphate (LiFePO4)
<b>Battery Autonomy</b>	Typically, 3-5 days depending on average load
<b>Battery Design Life</b>	10 years
<b>Remote Communication</b>	Victron VRM
<b>Standards Compliance</b>	AS3084, AS3000, AS3008, AS3015, AS1170, AS3600, AS4100, AS/CA S009



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