

Integrated Mobile Data Centre

Portable Rugged Data System with Integrated Power



Why choose this product?

The TEMPEST Rugged Mobile Data Centre provides a portable, self-contained computing and power platform for remote operations. The system integrates solar generation, battery storage, and rugged rack infrastructure, enabling rapid deployment of secure networking, telecommunications, and computing equipment anywhere.

Key Benefits

Off-Grid Data Infrastructure

Rapid Deployment

Rugged Portable Design

Reliable Integrated Power

Renewable Solar Generation

Silent Operation

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Integrated Mobile Data Centre

System Specifications



Rugged Design

Heavy Duty Outer Shell

Water Resistant Doors

8 Carry Handles

Stackable up to 4 Units

Shock mounted 10U Rack

Dimensions: 1130mm x 650mm x 510mm
(D x W x H)

Weight: 100kg

Solar Array

Up to 2.4kW

Up to 6 x 400W panels

Folded: 630mm x 780mm

Unfolded: 630mm x 2370mm

Weight: 16.25 kg

Shock mounted 10U shell

Output

2.4kW Maximum Load

230V AC Pure Sinewave

24V DC

Up to 100A DC

Battery

Battery Bank – 6kWh

Battery Life > 5 years

Battery Type – Lithium Iron
Phosphate (LiFePO₄)

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