

Local Power Worldwide **PowerBox 2**

An off-grid power source in a secure, compact box with an adaptive modular design. Up to 30kWh battery storage to power telecommunications, security CCTV, lighting, and more.



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PowerBox 2

Key Assets

Remote Deployability

Off-Grid Solution

Convenient Charging in Emergency Situations

Adaptive Modular

Design

Integrate Your Technology

Bespoke Integrations / Custom Design Service

Compact 1200mm x 1200mm Footprint

Repeatable and Scalable

Superior Wind Loading Characteristics

Galvanised Based with Powder Coat Option

Anti-Vandal Door Hinges

Deployable Jack Legs for Stabilisation

Can Be Configured as a UPS Function

GPS tracker for Precise Location of Assets





PowerBox 2 Features

Weight: **650kg+**

Width: **1200mm**

Height: **2200mm**

Length: **1200mm**

Remote Monitoring

7" Touch screen control panel

Remote monitoring and network switch enabled along with a modem for integration of third party equipment

Strategic Design

325wP per side - East/South/West configuration

1300w PV capacity (including North side)

Unique PV combiner box optimises solar tracking and enhances performance

Energy Storage

Battery ranges of AGM to LiFePO4 available

Expandable battery storage up to 30kWh

Range of extensive DC outlets from 10-60V

Modular design to include any of the following: Methanol fuel cell, hydrogen fuel cell, and a 2kw generator configured for 80% sustainable fuels

3kW AC option available

PowerBox 2 Features

Roof & Mast

Withdrawable roof allowing auxiliary equipment to be deployed

Internal pneumatically operated mast (with a 25kg rating) extends to a height of 6 metres. Retracted, it is fully concealed within the PowerBox2

Two side doors permit access to the control panel and rear of the unit where fuel-cell and other bolt-on equipment can be utilised

Solar

PV panels are installed on all 4 sides for ease of deployability. The PowerBox 2 wrap-around solar removes siting issues of ensuring the product is South-facing

Transportation

The PowerBox 2 is designed with ease of distribution in mind - multiple units can fit closely together in a trailer allowing for reduced transport costs

PowerBox 2 - By You

Ask our team for special integration with your auxiliary equipment, customisable to your requirements

