

# BESS used for Remote Locations

Battery Energy Storage Systems (BESS) housed in container units provide exceptional benefits for remote areas. These portable, modular systems are easily transported and installed where traditional power infrastructure is lacking and offer reliable, on-demand power for remote communities, industrial operations, and emergency response, without the need for permanent infrastructure.

## Key Advantages

**Mobility and Rapid Deployment:** can be easily transported and deployed to remote locations where grid connection may be impractical or unavailable. This enables rapid deployment of energy storage solutions to support off-grid communities, construction sites, or emergency response efforts.

**Scalability and Flexibility:** Modular systems which are scalable, with the ability to add or remove containers as needed to adjust storage capacity and power output to meet the specific energy requirements of remote locations

**Reduced Infrastructure Costs:** Deploying containerised BESS in remote locations can help reduce infrastructure costs associated with traditional grid extensions or diesel generator installations. A BESS will eliminate the need for expensive fuel transportation and maintenance, resulting in long-term cost savings.

**Energy Independence and Resilience:** By harnessing renewable energy sources such as solar or wind power and by storing excess energy during periods of high generation, BESS ensure a reliable and continuous power supply, enhancing resilience against grid outages or fuel shortages.

**Environmental Sustainability:** Reduces the reliance on fossil fuels and minimising carbon emissions, significantly minimising their environmental footprint while meeting energy needs efficiently.

## Key Features Of BESS

Advanced Battery and Inverter Technology:  
Over 450,000 units sold worldwide,

Integrated Fire Suppression  
System to protect your investment.

Climate Control: Air conditioning ensures  
optimal operating conditions

Enhanced system and control alert  
monitoring via our EU-based cloud servers

Option to implement a battery management  
software system, to maximise your  
renewable energy.