

Mobile Substation

This mobile substation improves power supply reliability and reduces failure time. It optimizes equipment utilization, decreases operation costs, and enhances grid resilience.



Product Overview

Flexible High-Voltage Power Solution

This 110kV mobile substation is engineered for rapid deployment in temporary or emergency power supply scenarios. The unit integrates a transformer, high-voltage switchgear, and control equipment onto a mobile trailer for maximum portability. It serves as a reliable solution for grid reinforcement, planned maintenance, or disaster recovery operations.

Key Performance Metrics

Performance Highlights

110 kV

Voltage Rating

1200 kW

Power Rating

Technical Configuration

Voltage Class	110 kV
Rated Power	1200 kW

Equipment Components

Included Equipment

- Power Transformer
- High-Voltage Switchgear
- Control Equipment
- High-Voltage Bushings
- Cooling Systems
- Protective Devices

Mobility & Deployment

Mounting Type	Trailer-mounted for easy transportation
Primary Applications	Emergency Power, Grid Reinforcement, Maintenance Support, Disaster Recovery

Operational Features

Deployment Capability

Rapid Deployment • Flexible Configuration