

Pre-Installed Box-Type Substation

This pre-installed box-type substation integrates high-voltage switchgear, transformers, and low-voltage switchgear into a single unit. It offers convenient installation, reduced land occupation, and minimal maintenance.



Overview



Intelligent Pre-Installed Substation

This pre-installed box-type substation provides a comprehensive, all-in-one solution for power distribution, integrating high-voltage, transformer, and low-voltage equipment into a compact enclosure. Designed for high reliability, it features intelligent monitoring and control systems to optimize safety and performance. Its modular, pre-fabricated design significantly reduces installation time, land footprint, and ongoing maintenance requirements.

Operational Metrics



Rated Voltage by Component

Component	Voltage
HV electrical equipment	7.2, 12 kV
Transformer	6/0.4, 10/0.4 kV
LV electrical equipment	0.4 kV

Capacity

Rated Capacity Ranges

- Transformer (High Voltage side): 200-1250 kVA
- Transformer (Low Voltage side): 50-400 kVA

Performance

Key Electrical Performance

630 A

Max Rated Current (HV)

3000 A

Max Rated Current (LV)

63 kA

Max LV Breaking Current

Features



Key Characteristics

Intelligent Control, Compact Design, Environmentally Conscious, Low Maintenance, Easy Installation, Long Service Life