

High-Frequency Switching Power Supply DC Screen for 10-500KV Electrical Systems

This high-frequency switching power supply DC screen is suitable for 10-500KV substations and power plants. It provides stable DC output for high-voltage switches and relay protection.



Product Overview



High-Frequency Switching Power Supply DC Screen

This high-frequency switching power supply DC screen is engineered for critical electrical infrastructure including 10-500KV substations, power plants, and high-rise commercial facilities. It provides a stable, reliable DC output essential for high-voltage switch operation, relay protection, automatic control, and accident lighting systems. The system features advanced switching technology for high efficiency and a modular design that facilitates easier maintenance and expansion.

Standards & Compliance

Certifications and Standards

ZBK45017-90, DL/T459-200, LS(W) 30-40JT

Technical Features

TENPRO®



Performance Metrics

10 KV

Minimum Operating Voltage

500 KV

Maximum Operating Voltage

Core Functionalities

- High-frequency power conversion
- Voltage and current regulation
- Overload protection
- Short-circuit protection
- Intelligent monitoring and control

Application Areas

Suitable Environments

Substations • Power Plants • High-rise Buildings • Residential Distribution Rooms • Industrial Power Plants