

Nuclear Power Station 12kV Switchboard Cabinet

This specialized electrical enclosure is designed for use in nuclear power stations. It houses and protects critical electrical components, ensuring reliable and safe operation.



Product Overview

High-Reliability Nuclear Switchboard

The TKHD2 series is a 12kV switchboard engineered specifically for nuclear power station safety distribution systems. This level-1E class-K3 certified unit is designed to provide critical power for emergency plant equipment within million-kilowatt power generation facilities. It integrates advanced safety protocols and robust construction to ensure reliable performance in the most demanding nuclear island environments.

Technical Specifications

Primary Applications

- Nuclear power station safety distribution
- Emergency power supply systems
- Nuclear island plant equipment

Rated Voltage	12 kV
Safety Classification	Level-1E, Class-K3

Design Features

Design & Protection

- Electromagnetic shielding
- Harsh environment resistance
- Modular multi-compartment design
- Integrated monitoring indicators and meters