

200kV Testing Transformer

Purpose: This equipment is used for power supply in the following kinds of research.

- Diagnosis technology for lifetime evaluation of electric power equipment
- Insulation technology for next-generation electric power equipment such as environmentally- friendly gas-insulated equipment

Main Specifications:

1. Voltage rating: 200kV (at series connection of two transformers).
2. Short time current rating (On: 15 min, Off: 60 min, 6 times a day): 0.25A
3. Continuous current rating: 0.16A
4. Partial discharge level: 2pC or less (at the rated voltage)
5. Transformer arrangement: Single transformer: 100kV, 0.25A
Series connection of two transformers: 200kV, 0.25A
Parallel connection of two transformers: 100kV, 0.5A

Location and Date of Installation

Electric Power Engineering Research Laboratory, May 2003

