

HVDC TRANSMISSION PRODUCTS



XD is the largest base for manufacturing complete sets of ultra-high voltage D.C. transmission and transformation equipment in China.

Main characteristics

with its lower loss, smaller line passage, flexible network, stable and reliable operation, D.C. transmission and interconnection between the different frequency networks in the world, D.C. transmission coexists with A.C. transmission and compensates mutually, each one takes its own advantage.

Main products:

- 35-500kV converter transformer
- 35-500kV smoothing reactor

Main business achievements

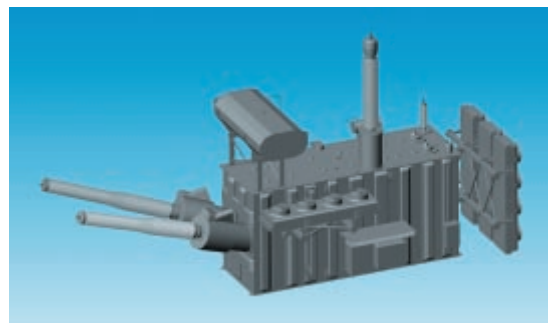
-In 1983, supplied complete set of transmission equipment for Zhou Shan ; 100kV project that is the first DC transmission line in China.

-In 1999, supplied smoothing reactor and converter transformer for Sheng Si ; 50kV DC Project.

-In 1999, jointed with ABB to manufacture ; 500kV converter transformer and smoothing reactor for Three Gorges-Changzhou HVDC Transmission Project.

-In 2001, provided 8 units of the converter transformers and 2 units of the smoothing reactors for ; 500 kV Three Gorges-Guangdong DC transmission project.

1. PKDFP-100MVA/100kV smoothing reactor for ; 100kV Zhoushan DC transmission Project
2. ZSFPZ-63MVA/100kV converter transformer operating in ; 100kV Zhoushan DC transmission Project
3. smoothing reactor for ; 50kV Shengsi DC transmission Project
4. ZSFPZ-36MVA/35kV converter transformer for ; 50kV Shengsi DC transmission Project
5. ZZDFPZ-297.5MVA/500kV converter transformer for ; 500kV Three Gorges-Changzhou HVDC transmission Project
6. PKDFP-500-3000-290 smoothing reactor for ; 500kV Three Gorges-Changzhou HVDC transmission Project



; 500kV converter transformer for HVDC transmission line

