

## Box Type Substation European Style

Brochure

The electrical equipment components in the Box Type Substation European Style are all shaped commodities, and the technical performance of the electronic components meet the corresponding specifications. In order to better complete the five prevention regulations based on the spectrum, mechanical equipment interlocking is used among electrical components, and all electrical components are installed on the structure with sufficient hardness and strength to facilitate the connection of transmission lines. The actual operation adopts the electric method. It does not need to install additional switching power supply, and it can be led out by TV.



Box Type Substation European Style



Internal oil type power transformer

In addition, European box type transformer substation also has electromagnetic energy inspection The function of measurement and verification can complete the corresponding guarantee function. It is also equipped with special grounding device guide and marked with obvious grounding wire. In addition, in order to integrate into the field operation environment, the shell top of the European box type transformer substation is generally of sandwich structure, with insulation materials inside. There are refrigeration air inlets at the bottom of the shell and in the middle of each room. There are various forms of natural air cooling and forced air cooling with intelligent control, to ensure the normal heat discharge of electrical equipment, with waterproof, rainproof, antifouling, and animal free countermeasures.

### Voltage range

The voltage grade of domestic European box type transformer is 3~35kV at the high voltage side and 0.4~10kV at the low voltage side.

The Volume of transformer: 3~35kV at high voltage side and 0.4~10kV at low voltage side.

### Transformer capacity

when the rated voltage ratio is 35/10, 6, 0.4 kV, it can range from hundreds of KVA to tens of thousands of KVA;

when the rated voltage ratio is 10, 6/0.4 kV, it can range from tens of KVA to thousands of KVA.

The other rates voltage, power etc. are available on request.

## STANDARD POWER

# Box Type Substation American Style

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The connection form of box transformer is one or two 10KV incoming lines; The volume of each transformer is generally 500KVA~800KVA; 4~6 outgoing cables of LV team.



Box Type Substation American Style



Internal oil type power transformer

The key components of the box transformer are transformer, 10KV loop network switch, 10KV cable plug, low-voltage pile head box and other major components. The utility model has the advantages of small volume, low project cost, and easy installation. Advantages and disadvantages of modern American box type substation

### Advantages

small size,  
small total area,  
good for placement,  
good for hiding,  
very easy to blend with the natural environment of the residential area.  
It can reduce the length of low-voltage cables, reduce line consumption, and reduce the cost of supporting facilities of power supply system.

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STANDARD POWER

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The internal dry power transformers are available on request

