

Furnace transformer



110kV Single phase
submerge arc furnace transformers

Product features

1. There are many kinds of furnace transformers. Mainly produces furnace transformers of **220kV level and below**: **high impedance furnace steel-making; DC furnace; ladle refining furnace; submerged arc furnace, Electroslag furnace transformer; Power frequency induction furnace transformer, single-phase graphitization furnace transformer**, etc.
2. The on-load tap changer arc furnace transformers with type "8" winding, which is developed by our company independently, **has the following characteristics**: it is composed of two transformers of series regulating and main transformer. The low-voltage winding of two transformers is made into "8" character, which avoids the welding between two windings and improves the reliability.

Furnace transformer



HSSPZ-80000/35
3 phases arc furnace transformers

Product features

1. The HSSPZ-80MVA/35 arc furnace transformer has the technical characteristics of reliable performance, **low loss**, low partial discharge, low noise, **high short-circuit resistance**, and intelligence. It conforms to the main trend of modern steel smelting technology towards low-carbon environmental protection and low loss, and meets the current market demand.
2. Comparing the technical performance parameters of the project product with foreign products of the same specifications, the load loss decreased by **15.71%** and the no-load loss decreased by **20%**. The technical performance is superior to foreign products of the same capacity and specifications, adapting to carbon emission requirements.
3. The project product has successfully introduced **digital intelligent monitoring technology**, achieving the intelligence of electric furnace transformation, which has promotional value.