

Oil-Immersed Transformer – S11-2000KVA

Product Overview

The S11-2000KVA oil-immersed power transformer is designed for efficient and reliable voltage transformation in 10kV/0.4kV power distribution networks. Built with high-grade silicon steel and advanced winding technology, this transformer minimizes energy losses and ensures stable performance in both industrial and utility environments.



Technical Specifications

Parameter	Details
Model	S11-M-2000/10
Rated Capacity	2000 KVA
High Voltage (HV)	10 kV
Low Voltage (LV)	0.4 kV
Phase	3 Phase
Frequency	50 Hz
Voltage Regulation	$\pm 2 \times 2.5\%$ (On-load tap changer)
Vector Group	Dyn11 / Yyn0
Impedance Voltage	5%
Cooling Type	ONAN (Oil Natural Air Natural)
Core Material	Cold-rolled grain-oriented silicon steel
Winding Material	High conductivity copper
Standards	GB/T 6451, IEC 60076

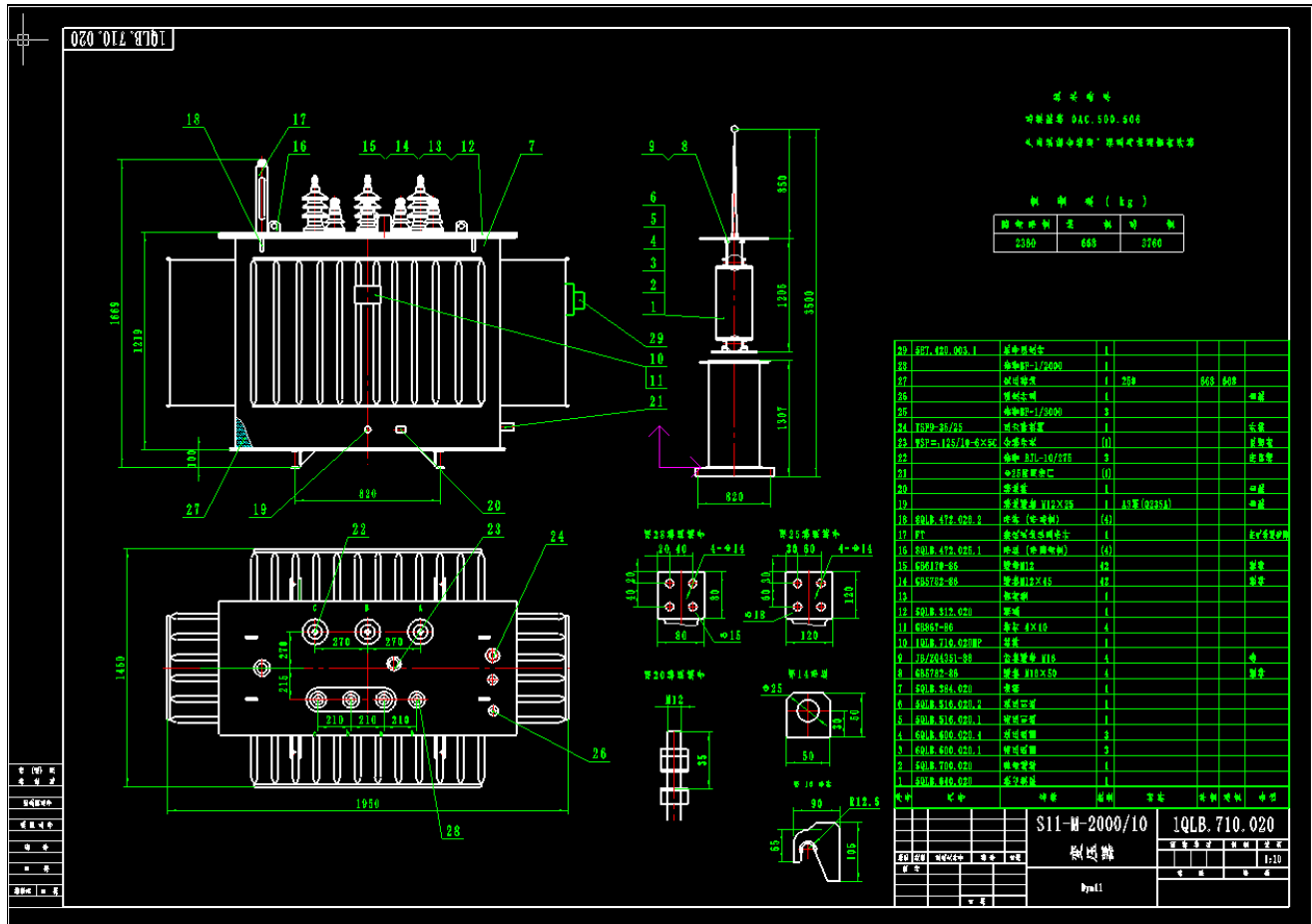
Key Features

- **Low Loss Design** – S11 series transformers reduce no-load and load losses by over 30% compared to older S9 models.
- **Low Noise Operation** – Optimized core design and structural damping ensures minimal operating sound levels.
- **Strong Insulation System** – Thermally upgraded insulation improves durability under overload and temperature stress.
- **Advanced Cooling** – Efficient oil-air natural cooling system prolongs transformer life and maintains stability.
- **Maintenance Friendly** – Equipped with oil level indicators, pressure relief devices, and temperature sensors.

Applications

- Electrical distribution networks
- Industrial power systems
- Utility substations
- Commercial buildings
- Renewable energy (wind/solar) interconnection points

Engineering Drawing



About Us

We are a leading power equipment supplier, offering advanced transformer technology with guaranteed performance, safety, and durability. Our S11 series transformers are built to international standards and delivered with full factory testing certifications.

Gentec Automation