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DISTRIBUTION TRANSFORMER

OIL-IMMERSED AMORPHOUS ALLOY CORE

Powering the Future
with Precision and Control

STRIVING TO BE
A **GLOBAL EXPERT**
ON **SMART ELECTRICITY**
AND **ENERGY EFFICIENCY**
MANAGEMENT SERVICES

ELECTRICITY

FEATURES AND BENEFITS

- Excellent Energy Efficiency
- Compact and Aesthetic Design
- Eco-Friendly and Sustainable
- No Leakage Throughout Life cycle
- Customized Design

The oil-immersed amorphous alloy transformer is engineered for high efficiency and low energy loss. Utilizing advanced amorphous metal core technology, it reduces no-load loss by up to 70% and no-load current by 50% compared to traditional silicon steel transformers. This significantly enhances energy savings and reduces long-term operational costs.

Designed for use in residential, commercial, public infrastructure, industrial enterprises, and both urban and rural power grids, this transformer ensures stable and reliable power delivery across diverse application scenarios. Its robust construction, excellent thermal performance, and environmentally friendly materials make it an ideal choice for modern distribution systems.

Fully compliant with international standards such as EN 60076, IEC 60076, ANSI C57.12, and IEEE C57.12, the transformer meets rigorous global safety and performance criteria. Its integration of smart grid compatibility and longterm durability positions it as a key component in the evolution toward smarter, greener electrical networks.

PARAMETERS AND SPECIFICATIONS

Item	Unit	Parameter
Voltage level	kV	≤15
Rated power	kVA	≤630
Frequency	Hz	50/60
Insulation level		A or other (Include mixed insulation)
Max.ambient temperature	℃	55
Altitude	m	≤5000
Type of cooling		ONAN/ONAF,KNAN/KNAF
Winding material		Copper/Aluminum
Voltage regulation mode		Off circuit
Installation		Pole mounted(≤630kVA)/Pad mounted
Structure type		Fully sealed/Conservator
Insulating medium		Natural/Synthetic ester/Mineral oil
Standards		EN 60076, IEC60076, ANSIC57.12, IEEE C57.12, etc.

**Specifications of the products are subject to change without prior notice.*

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