



Transforming Power, Transforming Nations

 Ethiopia  Ghana  Nigeria  South Africa  Uganda

COMPANY PROFILE



The Elolam Group was established in 1999 in Shandong China, an electric power technology company which primarily specialized in the manufacturing of electromagnetic wire, corrugated tanks and radiators.

Since its inception, the Elolam Group has become one of the leading enterprises of Power Transmission and Distribution equipment in China. Currently the Group owns more than 330'000m² of industrial property in Shandong, China.

The Elolam Group expand their business operations into the developing African market (Ethiopia, Ghana, Nigeria, Uganda) and in 2014 the company finalised its investment plans to open a new division in Johannesburg, South Africa. The new division, Elolam Manufacturing, was officially opened in June 2016 and boasts a brand new 3000m² manufacturing and assembly plant. The new division has been formed around the successful structures that make Elolam a formidable force in the Chinese and global markets.

In 2016, Elolam Manufacturing became the first Transformer manufacturer in South Africa to receive the SABS mark on Amorphous-type Transformers. Together with our international branches, Elolam Manufacturing provides turnkey solutions to all our customer in the electrical industry

Our Mission:

To achieve complete synergy in the workplace by creating a mutual sense of trust amongst our team members and customers, to enable the Elolam Group to become the preferred supplier of services and products in the industry, locally and internally.



Our Business Philosophies:

Integrity and loyalty. Growth through unity. The pursuit of perfection.

Continuous expansion of the enterprise through sustained Innovation.

Amorphous Transformers Low Loss Distribution Transformers

EloLam Africa Group manufactures and supplies Amorphous-type Transformers ranging from 50kVA-2.5MVA up to 22kV.

In a transformer the no load loss is dominated by the core loss. With an amorphous core, the iron losses can be 70–80% lower than with traditional silicon core and thus the operating temperature and efficiency is lower.

[Video; Introduction to Amorphous Metal](#)



“Environmentally, these reduction in losses will contribute to an annual reduction of about 5.4 tons of CO₂ emissions. This is equivalent to the annual CO₂ absorption of up to about 390 cedar trees.”

Info courtesy of Hitachi

– Published in ESKOM presentation

[“New Transformer Technologies in Eskom”](#)

[28/072015](#)



Standard Oil Transformers Distribution & Power Transformers

EloLam Africa Group supplies and manufactures conventional silicon-steel transformers for various applications and ranges from 25kVA-100MVA up to 132kV.

Units offered include, but is not limited to, pole-mount, distribution, power, furnace, reactor, auxiliary and NEC NER units.

All our transformers are manufactured and tested in accordance with SANS and IEC standards.



⚡ M → N FUSES! ⚡

We are "FUSED" don't be "CONFUSED" use M-N FUSES

We beat AMPS every time

From 0-130 in 0.06 Seconds

Our Fuses has Stopping Power!!





Smart Prepaid Meters



EloLam Africa Group offer the following in-house and on-site testing services:

- Oil purification & dielectric strength testing
- AC Pressure Testing
- DC Pressure Testing
- Partial Discharge Testing
- Partial Discharge Scanning Sinewave Pressure Testing
- Tan Delta Testing
- Earth Resistivity Testing
- Cable Fault Location
- Cable Route Tracing & Mapping
- Cable Avoidance / Live Scanning
- Cable Identification
- Cable Phasing
- Cable Spiking
- Tan Delta Testing
- VLF 0.1Hz Testing
- Sheath Testing





Elolam Africa Group manufactures and supplies Amorphous-type Transformers ranging from 50kVA-2.5MVA up to 33kV. In a transformer the no load loss is dominated by the core loss. With an amorphous core, the iron losses can be 70–80% lower than with traditional silicon core and thus the operating temperature and efficiency is lower. “Environmentally, these reduction in losses will contribute to an annual reduction of about 5.4 tons of CO2 emissions. This is equivalent to the annual CO2 absorption of up to about 390 cedar trees.”

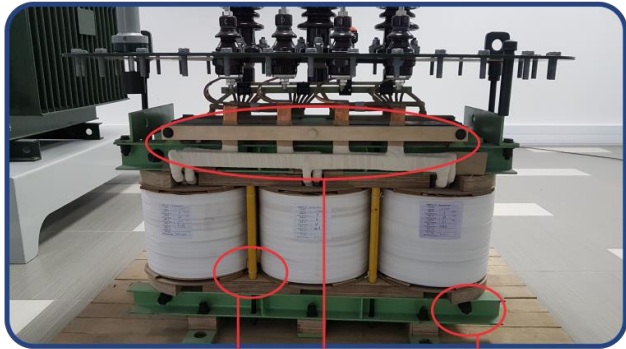
Amorphous Metal Transformers with Amazing 70–80% Low Loss COPPER TO COPPER WINDINGS ONLY **NO ALUMINIUM**

3.3kV / 11kV / 22kV / 33kV



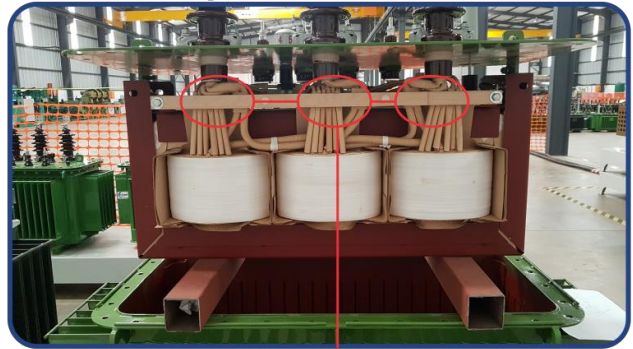


Silicon Transformer



Extra Core stress support Good rust paint Ral 6007
 Neat core support

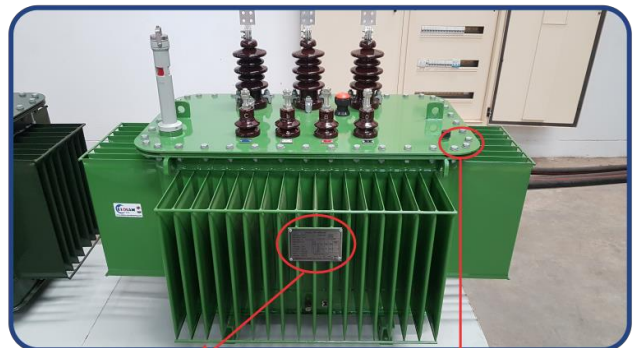
Amorphous Transformer



Good line support.



Oil indicator Strong lifting lugs
 Gasses relieve valve on-top of oil indicator



S/steel base plate Galvanize top bolts

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