

2019



COMPANY
PROFILE

**MANUFACTURERS
AND SUPPLIERS
OF HV, MV AND
LV POWER
EQUIPMENT**





ABOUT US

African Power Traders International (APTi) was established in 2009 supplying and manufacturing high, medium and low voltage electrical products and all associated equipment for Southern and Sub-Saharan Africa.

APTi supplies power, furnace, distribution and dry-type transformers, miniature substations, all types of switchgear, cables and other HV, MV and LV products from various manufacturers both locally and internationally.

With an increasing footprint in South Africa and Sub-Saharan Africa, APTi has a wide range of electrical products which covers the transmission and distribution industry within Southern and Sub-Saharan Africa.

MISSION

We strive to provide the right product, at the best price in the offered time and with the right quality..

EXPERIENCE

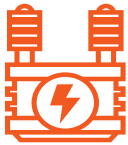
Over 50 years of technical experience in high, medium and low voltage electrical products throughout Africa.

PHILOSOPHY

To offer the best solutions and products working together with our customers.

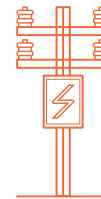
WHAT WE DO

We supply and source an entire range of electrical products and services, from power, furnace, distribution and dry-type transformers, miniature and mobile substations, all types of switchgear as well as related power electrical equipment. Other services include oil purification for power equipment and project management. Via our association with key manufacturers, both locally and internationally, we are able to supply highly competitive prices as well as optimum delivery dates. We work alongside our clients to provide the best possible solutions and services.



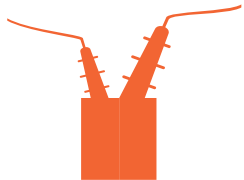
Full range of Transformers

APTi is able to source for their end user clients a full range of power, furnace, distribution and dry-type transformers.



Current & Voltage Transformers

APTi supplies a range of current and voltage transformers



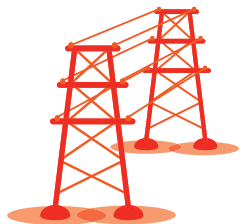
HV, Mobile & Miniature Substations

APTi is able to supply power equipment for high voltage substations as well as mobile and miniature substations.



All types of Switchgear

APTi's range of switchgear covers high, medium and low voltage switchgear.



High Voltage Equipment

APTi supplies a variety of high voltage equipment for various applications.



After Sales Service

APTi offers project management, and 24/7 personalised service.

OUR HISTORY

SINCE 2009

APTi was established in late 2009 with a mandate to source, manufacture and supply electrical power products and all associated equipment for our clients/end users.

Supported by 5 international offices, APTi maintains full compliance with ISO quality assurance standards. All products have been extensively tested and in-house research laboratories ensure advanced technical expertise.

OUR RANGE OF PRODUCTS

APTi can supply, from design to manufacture to installation on site, power transformers up to 1000MVA 765kV, dry-type transformers up to 20MVA 36kV, furnace transformers up to 200MVA 132kV and distribution transformers up to 5MVA 36kV for any application.

Other power equipment includes low and medium voltage switchgear; high voltage equipment (substations); circuit breakers; GIS Switchgear; isolators/disconnectors; surge arrestors; current and voltage transformers; voltage regulators; power accessories; auto-reclosures; containerised equipment; turnkey electrical equipment; overhead line equipment; and cables and conductors.





GIS SWITCHGEAR

GIS switchgear, both medium and high voltage can be used in both the power and distribution systems as well as industrial applications. The advantage of using GIS switchgear is a maintenance-free design which offers maximum supply reliability in transmission or distribution networks.



CONTAINERISED SUBSTATIONS

A containerised substation can be situated at selected key network nodes and can be disconnected and transported on a lowbed truck to a new site which is of huge benefit for utilities and other end clients to have one or two spare substations in stock to replace damaged or burned substations.



MINIATURE SUBSTATIONS

Miniature substations for the distribution network are designed and manufactured with a full range of optional accessories which are available ensuring that each and every individual customer's requirements are met..

RANGE OF INDUSTRIES

APTi supplies a wide range of power electrical products for the transmission and distribution industry within South and Southern Africa. Industries that are supplied include mining, solar and wind farms, manufacturing, automotive, utilities, contractors and parastatals.

Our association with key manufacturers, both locally and internationally ensures that we are able to supply electrical power equipment at highly competitive prices and with optimum delivery dates. We work alongside our clients to provide the best possible solutions and services.

Other key associations include key industry consultants in order to provide customers with the best engineered solutions for their businesses.

Collaborating with our clients in order to provide the best possible solutions and services whilst making use of our local and international manufacturers. Our solutions include total substation design, project management and product support. Our innovative solutions ensure 100% customer satisfaction.

We also carry a large range of stock inhouse, such as transformers, minisubs and switchgear.

1 TRANSFORMERS

Supply, install and commission of power, furnace, dry-type and distribution transformers, mobile, miniature and containerised substations which are intended for various markets namely industry, solar and wind farms, utilities, mining, parastatals, contractors, etc.

2 SWITCHGEAR

Supply, install and commission of HV, MV and GIS switchgear and the markets supplied are industry, solar and wind farms, utilities, mining and parastatals.

3 CABLES

Supply of cables intended for the following markets namely: industry, solar and wind farms, utilities, mining, parastatals and contractors.

4 CIRCUIT BREAKERS AND RELATED EQUIPMENT

Supply, install and commission of HV and MV indoor and outdoor circuit breakers, autoreclosures, ring main units intended for the following markets namely industry, solar and wind farms, utilities, mining, parastatals and contractors.



MINING INDUSTRY

Products typically supplied here are power, distribution and dry-type transformers, switchgear and related power equipment.



HIGH VOLTAGE **SUBSTATIONS**

High voltage substations typically comprise transformers to change voltage levels between high transmission voltages and lower distribution voltages, or at the interconnection of two different transmission voltages.

APTi can supply an entire substation as a turnkey solution or power electrical equipment for a particular substation.

Contact us for more information on substation projects that we have been involved in.

AFTER SALES SERVICE

APTi offers after sales service which includes condition monitoring of transformers within an electrical network and testing of transformer oil.

The testing of transformer oil is part of a preventative maintenance plan. The oil inside a transformer forms an integral part of the insulation system, but is unfortunately subject to quick deterioration if the preventative maintenance schedule is not adhered to.

Adverse load conditions can also affect the transformer oil. It is therefore common practice to have the oil tested annually under normal operating conditions and more frequently when faults are suspected.

APTi maintains full compliance with ISO quality assurance standards. All products have been extensively tested and in-house research laboratories ensure advanced technical expertise.





Technical and other expertise

40 years experience in the electrical engineering industry.

Manufacturers with over 50 years of technical expertise.

APT's management has been involved in the development of Medium Voltage products in Southern and Sub Saharan Africa for over 20 years. Other expertise includes General Management, Technical Expertise, Sales, Marketing and Business Development.



APTI CONTACT DETAILS

Postnet #495 Private Bag X 43

Sunninghill 2157

Tel: +27 11 701 5555 | Fax: +27 86 591 3529

Cell: +27 83 417 6729

Email: info@apti.co.za

Web: www.apti.co.za