



AVERAGE

Corporate Profile

Pioneering
Engineering Solutions
for Success



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Preferred
African
Supplier



Leading
Service
Provider



Certified
ISO 9001:2008



BBBEE
Level I Contributor

Pioneering Engineering Solutions for Success

Established in 2011, Averse Technologies stands at the forefront of cutting-edge engineering turnkey solutions. With our esteemed Level 1 BEE accreditation, we provide exceptional service and innovative solutions that surpass our clients' expectations. At Averse, we understand the importance of optimizing operations and achieving goals, which is why our unwavering commitment to excellence drives us to deliver tailored solutions that address the unique needs of each client.

**Within the realm
of Averse Technologies,
four distinct divisions synergistically
combine their expertise to propel
the businesses towards
new horizons.**



About AVERAGE

Average Technologies (Pty) Ltd is a leading turnkey solutions provider in the Energy Management Solutions, DC Power Systems, Energy and Telecommunications fields.

The massive range of products we distribute includes electrical equipment, live-work equipment, lithium batteries, power packs, solar products, DC Power products, lightning protection equipment, surge protection solutions, telecommunications products and much, much more.

We supply large scale industrial companies, SOEs, commercial entities, private businesses, hospitals, hotels, lodges, residential end-users and anyone looking for energy and power products, services and solutions.

Our experienced team of engineers and electricians provide critical support to ensure that contractors have the best possible solution for their projects and clients.

If you are looking for an energy solution, electrical equipment or Specialised Services, please give us a call.



Average Divisions

DC Power Solutions



Solutions provider in Power Systems, Telecommunication products, and specialized services which include lithium batteries, solar products, power products, & solutions, bringing 10 years of experience and knowledge.

Energy Solutions



Specializes in providing a comprehensive range of overhead-line products and solutions, as well as live-work equipment designed specifically for the utility and rail industries.

Telecommunications Solutions



Offers a comprehensive range of solutions and products, client-specific designed. One-stop shop for mobile operators, FNO's, internet service providers, and contractors.

Energy Management Solutions



Comprehensive, turnkey engineering solutions designed to optimize power usage and promote energy efficiency

Specialised Services



Our specialized services team is your go-to resource for ensuring that your business thrives with seamless and efficient DC solutions.



We are there to assist
from the choice of products
to fully engineered
end-to-end solutions"

Team AVERAGE

Our experienced team of engineers and electricians provide critical support to ensure that contractors have the best possible solution for their projects and clients.

If you are looking for an energy solution, electrical equipment or Specialised Services, please give us a call.



"Everything we do is aimed at providing unique solutions for our customers."



Trusted Suppliers





End to End Solutions

We supply large scale industrial companies, SOEs, commercial entities, private businesses, hospitals, hotels, lodges, residential end-users and anyone looking for energy and power products, services and solutions



What we Offer



Full spectrum Product Range

Electrical , live-work , lithium batteries, power packs, solar products, DC Power products, lightning & surge protection equipment.



Dedicated Team

Our experienced team of engineers and electricians provide critical support to ensure contractors have the best possible solution for their projects and clients.



Updated Standards

Average adheres local and international industry and quality standards.



Quality Assurance

We are there to assist from the choice of products to fully engineered end-to-end solutions.

“ Innovation
takes practice
for superior level
of excellence ”

DC Power

Direct Current (DC) division is a solutions provider in Power Systems, operating mainly in the telecommunications industry in South Africa.

The company is an established supplier of telecom-munication products, and specialized services which include lithium batteries, solar products, power products, and solutions, bringing 10 years of experience and knowledge.

Averge has been a forerunner supplier of lithium-iron-phosphate battery technology and has supplied and installed thousands of energy storage solutions that have been deployed regionally in the operator's network in South Africa.

The company has expanded its domestic reach into all regions in SA and have offices/warehouse in Pretoria and Cape Town.

The DC division's vision is to supply quality brands and choices of renewable energy products that people choose, to energize their homes and businesses.

The use of energy storage will create a future that makes a difference in people's lives, communities & climate change.



The use of energy storage will create a future that makes a difference in people's lives, communities & climate change.

Our Specialised Services team offer a range of **DC Power Design & Implementation** services that include :

- ✓ DC Power
- ✓ Plant Design
- ✓ Rectifier installations
- ✓ UPS installations
- ✓ Battery System Installations



Our Products

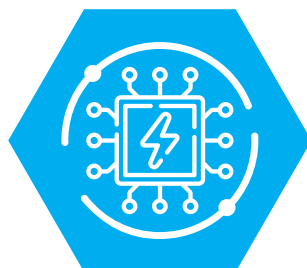
The DC Power Solutions division offers a range of products that offers quality brands and choices for renewable energy that people choose, to energize their homes and businesses.

Our quality products and technical support save PV Installers money, time, and “energy” with our enhanced technology and design of our new multiprotocol batteries that make integration, communication, and installation easier, faster, and safe.



Batteries

Range of battery chemistries for industrial, residential & commercial application. Lithium Iron Phosphate & Multiprotocol available



Inverters

Selection of modular inverters are scalable allowing for seamless replacement and expansion.



Rectifiers

Our modular rack mount DC-DC converters allow for easy paralleling of modules to provide redundancy or higher power outputs.



Accessories

Range of accessories to optimise and enhance your energy solution.



Average supplies quality products & solutions to change the way people generate, transfer, store & utilize electricity in Southern Africa.



Energy Solutions

Averge Technologies is a company that specializes in providing a comprehensive range of overhead-line products and solutions, as well as live-work equipment designed specifically for the utility and rail industries.

Our product line is both broad and diverse, and we are dedicated to offering only the highest quality products that meet the needs and expectations of our customers.

One of our primary commitments is to ensure that all of our products are of the highest quality and meet industry standards. In fact, our products are Eskom approved, which means they have been thoroughly tested and deemed to meet the strict quality requirements of the industry.

As a result, they are widely used by specialist contractors throughout the sector, who rely on our products to ensure that their projects are completed safely and effectively.

At Averge Technologies, we understand that every project is unique, which is why we offer customized solutions tailored to the specific needs of each of our customers.

Contact us today to learn more about how we can help you with your next project.

We understand that every project is unique, which is why we offer customized solutions tailored to the specific needs of each customer.



Our team of highly skilled electricians and engineers will work with you to understand the requirements of your project & help you find the best solution for you.



Our Products

A comprehensive range of Energy solution products, equipment and accessories for Low ($\leq 1\text{kV}$), medium ($\leq 36\text{kV}$) and high voltage ($\leq 765\text{kV}$) applications.

Overhead-Line

- Insulators
Composite, Porcelain & Glass
- Transformer Bushings
RIS & Type C
- Rail OHTE products
Insulators, Surge arresters,
Cut-Out Fuses & Connectors
- Surge Arresters
Distribution & Station Class
- Cut-Out Fuses
Composite & Porcelain



Live work Tools & Accessories

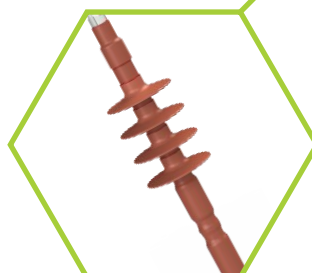
- Rubber Insulating gloves
- Rubber Insulating Blankets
- Link Sticks



Cable Accessories

Heat & Cold Shrink Technologies

- Joints
XLPE, PILC & Transition
- Terminations
XLPE & Transition
- Cable End Caps
- Breakout Boots
- LV Resin Joints
- Tubing
- Insulation Boots
Cold Applied
- Repair Sleeves
- Separable Connectors
Screened & Unscreened
- Mechanical Connectors



Surge Protection Devices (SPDs)

The Raycap product range provides uninterrupted protection of Low Voltage AC systems & Photovoltaic DC Systems, from damage caused by electrical surges and direct lightning strikes.

- Strikesorb
- Rayvoss
- RayDin
- RayDat
- ProTec



Telecommunications

Average Telecoms offers a wide range of product solutions that are designed to meet the needs and expectations of our customers.

Our goal is to provide a one-stop shop for mobile operators, FNO's, internet service providers, and contractors, by offering a comprehensive range of solutions that cater to their unique requirements.

To ensure that our customers have access to the best products on the market, we have formed strategic partnerships with leading manufacturers from across the globe. We strongly focus on local manufacturing.

These partnerships have allowed us to offer world-class solutions to the local and regional market, and have enabled us to stay ahead of the competition by providing the latest and most innovative products available.

Our team of skilled professionals will work closely with you to understand your requirements and recommend the most appropriate solutions to meet your needs.

Contact us today to learn more about how we can help you take your business to the next level with our top-quality product solutions.

If you are looking for cutting-edge telecoms equipment, we have the products and expertise to help you achieve your goals.



**Talk to us
when planning your network
so we can assist in
optimising your solution
with our quality range
of high end products.**

Our team of highly skilled
technical specialists
will work with you to understand
every technical requirement
of your project



Our Products

Offers a comprehensive range of solutions and products, client-specific designed.
One-stop shop for mobile operators, FNO's, internet service providers, and contractors.

Mahole & Boundry Boxes

Various manholes and boundary for easy access to cable and ducts.

Ducts

Full range of high quality HDPE duct products.

Fibre Cables

Average has partnered with a world leading cable manufacturer.

Closures

Comprehensive range of closures for fibre distribution.
We supply large closures for high fibre counts and small compact closures for handhole applications.

Panels

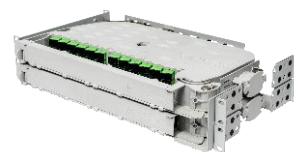
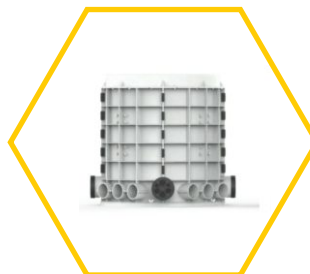
Average offer a full range of patch panels, including pivot and sliding panels.

Termination Boxes

We supply a wide range of termination boxes with various splice and drop capacities.



Contact us today
to learn more about
how we can help you
take your business to the
next level with our top-quality
product solutions.



Head Office
+27 (0) 12 450 0940

Online Sales
sales@average.co.za

Energy Management

Our Energy Management Solutions (EMS) Division is dedicated to providing comprehensive, turnkey engineering solutions designed to optimize power usage and promote energy efficiency.

We take pride in offering a diverse range of renewable energy solutions, each meticulously tailored to meet the unique requirements and expectations of our esteemed clientele.

Our EMS Division is comprised of highly skilled, accredited professionals who are committed to delivering best-practice workmanship.

We strictly adhere to all relevant standards and regulations pertaining to the energy industry, ensuring the utmost quality and safety in our services.

At the heart of our EMS Division is a steadfast commitment to utilizing only the highest quality products in our solutions.

This enables us to guarantee reliable, well-supported systems that yield the lowest possible return on investment for our clients.

With our unparalleled dedication to customer satisfaction, we look forward to playing a significant role in shaping a sustainable, energy-efficient future.



We offer holistic energy consumption assessments & network usage optimization with renewable energy implementation focused on sustainability.

Average can assist with your energy requirements
Optimising your solution
for the best possible return
on your energy investment.



Our Solutions

A comprehensive range of Energy solutions, bespoke designed and implemented for your specific energy requirement.



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Specialise Services

In today's fast-paced and technologically-driven world, it has become more crucial than ever to have a reliable and experienced team to manage your DC power needs.

Our specialized services team is your go-to resource for ensuring that your business thrives with seamless and efficient DC solutions.

Our team of professionals is not only fully trained but also accredited to install a comprehensive range of DC products.

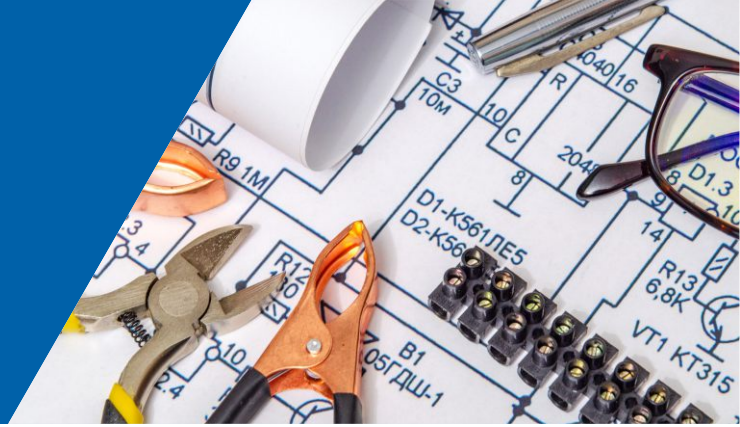
We pride ourselves on our expertise in handling everything from batteries and rectifiers to project management, DC to DC converters, DC cooling devices, and distribution boards.

With our diverse skill set and industry-leading knowledge, we guarantee that our clients receive the best service and solutions to suit their unique requirements.

In addition to our installation and maintenance capabilities, our project management expertise ensures that your DC projects are completed on time and within budget.



We take a proactive approach to identifying potential challenges and risks, developing tailored strategies to overcome them, and ensuring that your project runs smoothly from start to finish.



Our Solutions

One of the key aspects of our specialized services is our certification from most operators for site audits, installations, and maintenance.

This accreditation reflects our commitment to quality and ensures that our team adheres to the highest industry standards.

We understand the importance of site audits in identifying potential issues and providing practical recommendations for improvement, and our team is fully equipped to deliver thorough and accurate assessments.

Our specialized services team is dedicated to providing unparalleled customer support, consistently delivering exceptional results.

We understand the intricacies of DC power systems and are committed to helping you maximize the efficiency and reliability of your operations.

Allow us be your trusted partner in navigating the complexities of DC solutions, and together, we can drive your business to new heights.



Professional Team

Our team of professionals is not only fully trained but also accredited to install a comprehensive range of DC products.



Certification

One of the key aspects of our specialized services is certification from most operators for site audits, installations, and maintenance.



Project Management

Our project management expertise ensures that your DC projects are completed on time and within budget.



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Bloemfontein Data Centre

Solution : Grid-tied
PV Size : 351 kWp
Objective : Cost Saving



Randburg

Solution : Hybrid + Gen Integration
PV Size : 82 kWp
Inverter : 100 kW
Battery : 200 kWh
Objective : Cost Saving & Backup



Randburg

Solution : Hybrid
PV Size : 140 kWp
Inverter : 309 kW
Battery : 259 kWh
Objective : Cost Saving & Backup



For the past decade, Averse Technologies has been at the forefront of delivering a wide range of successful projects, solidifying its position as a trailblazer in cutting-edge engineering turnkey solutions.

Our unwavering commitment to excellence is exemplified by our distinguished **Level 1 BEE** accreditation, which serves as a testament to our dedication to providing outstanding service and groundbreaking solutions that consistently surpass the high standards set by our clients.

Within the realm of Commercial and Industrial energy solutions, Averse Technologies has made significant strides. Our portfolio includes the seamless installation of various energy solutions, ranging from Grid-tied to Hybrid systems, as well as Battery backup and Off-Grid solutions.



Our Solution Design Process

Prior to embarking on the solution design phase, it is imperative for us to gain a comprehensive understanding of our customer's business.

Energy Audit

Our approach begins with conducting an energy audit to assess your specific energy needs. We'll schedule a meeting to discuss your energy requirements in detail.

Tailored Solution

Once we have gathered all the essential information, which includes historical billing data, load profile data, site particulars, and customer preferences, our team of expert engineers and designers will collaborate to craft a tailored solution.



Contact us



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