



KANAMOZA PTY LTD
Industrial Suppliers



www.kanamoza.co.za

KANAMOZA INDUSTRIAL SUPPLIERS

ENERGY SOLUTIONS CATALOGUE

ENERGY SOLUTIONS OVERVIEW

Kanamoza Industrial Supplies provides dependable energy and power infrastructure solutions designed for industrial, commercial, municipal and infrastructure applications. Our range includes transformers, generators, inverter systems and backup power equipment sourced from trusted global manufacturers. We support energy reliability, operational continuity and infrastructure development through scalable and efficient power solutions tailored to each application.

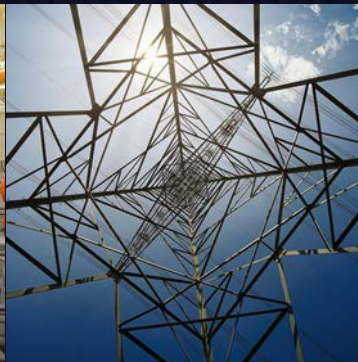
Industries Served



Mining



Manufacturing



Utilities



Construction



Commercial Buildings



Water Infrastructure



Agriculture



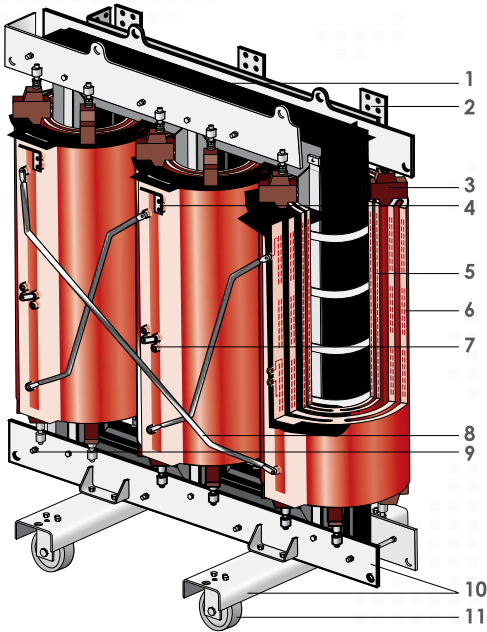
Oil & Gas

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CAST RESIN DRY TRANSFORMERS

Designed for safe indoor energy distribution with high efficiency, low maintenance and improved environmental safety. Ideal for installations where fire resistance, moisture resistance and reduced maintenance are critical.



DRY TRANSFORMERS' CONSTRUCTION

1. Iron Core
2. LV Terminal
3. Fixation Support
4. HV Terminal
5. LV Coil
6. HV Coil
7. Tapping Link
8. Delta connection Rods
9. Earthing
10. Yoke Clamping and Wheelbase
11. Roller

TECHNICAL RANGE

- 50 kVA up to 15 MVA
- Voltage up to 36 kV
- IEC 60076 compliant

TYPICAL APPLICATIONS

- Hospitals
- Shopping Centres
- Airports
- Industrial Facilities
- Hotels
- Commercial Buildings

Features

- ★ Self-extinguishing insulation
- ★ Highly moisture resistant
- ★ Low maintenance operation
- ★ No oil leakage risk
- ★ Reduced transmission losses
- ★ Indoor & outdoor enclosure options
- ★ High overload capability



For custom orders, procurement assistance and tailored energy solutions, contact our consultants sales@kanamoza.co.za for professional support and quotations.

Smart Transformer Monitoring Solutions

Smart transformer monitoring solutions enable remote monitoring and improved operational control of transformer systems. These advanced systems provide real-time visibility into winding temperature, alarm and trip status, sensor faults, fan operation, and overall power performance, helping improve reliability, preventative maintenance, and equipment protection.

Remotely monitor:



Winding temperature



Alarm status



Trip status



Fan operation



Power performance



Sensor faults

Benefits

- ★ Predictive maintenance
- ★ Improved uptime
- ★ Reduced downtime risk
- ★ Enhanced operational efficiency
- ★ Real-time monitoring capabilities

OIL DISTRIBUTION TRANSFORMERS

			
Small Distribution	Large Distribution	Medium Power	Special Transformers
<p>Range: 50 kVA – 250 kVA</p> <p>Applications: Pole mounted, pad mounted</p>	<p>Range: 250 kVA – 5,000 kVA</p> <p>Applications: Substations, industrial distribution</p>	<p>Range: 5,000 kVA – 15,000 kVA</p> <p>Applications: Generation, grid infrastructure</p>	<p>Range: Up to 15,000 kVA</p> <p>Applications: Solar, wind, converter, traction</p>

- Available Configurations:**
- Hermetically sealed
 - Pole mounted
 - Conservator type
 - Earthing transformers
 - Ground mounted

POWER TRANSFORMERS

KEY APPLICATIONS

- Transmission substations
- Power generation plants
- Mining operations
- ACement plants
- Desalination plants
- Water pumping stations

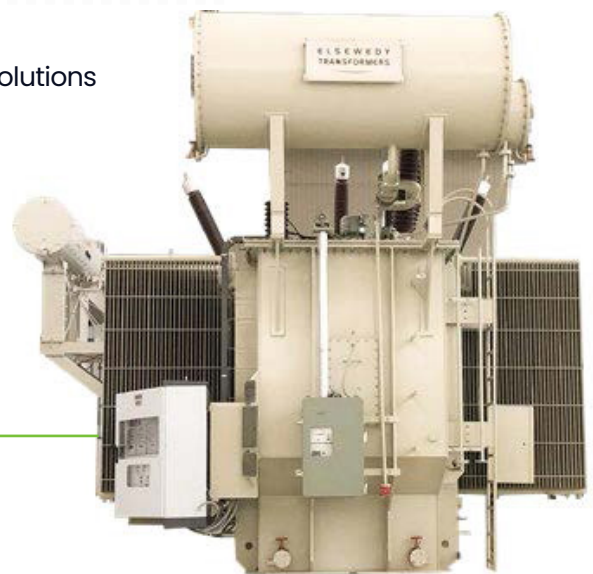
High-capacity transformer solutions engineered for transmission, generation and industrial infrastructure applications.

TECHNICAL CAPABILITIES

- Up to 250 MVA
- Up to 220 kV
- Single & three-phase options
- IEC / IEEE / ANSI compliant

COOLING METHODS



- ONAN
- ONAF
- OFAF
- OFWF
- ODAF



PETROL GENERATORS

TYPICAL APPLICATIONS

Features

-  Pure copper alternators
-  Electric & recoil start options
-  Low oil alert systems
-  Heavy-duty frames
-  Digital meter systems
-  Long runtime fuel tanks

- Loadshedding backup
- Workshops
- Construction sites
- Agricultural operations
- Mobile operations

LIV2200R 2.2kVA RECOIL START PETROL GENERATOR



2.2kVA
MAXIMUM RATED OUTPUT

208CC
ENGINE DISPLACEMENT

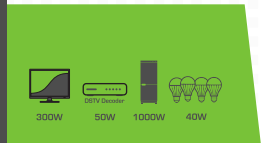
15L
FUEL TANK

SPECIFICATIONS
15L FUEL TANK
RUNTIME 100% = 12HRS
RECOIL START
4 STAGE DIGITAL METER
ADVANCED AVR
PURE COPPER ALTERNATOR
LOW OIL ALERT SENSOR
LED OIL INDICATOR

2.2kVA
MAXIMUM RATED OUTPUT

2.0kVA RATED OUTPUT

1YEAR
WARRANTY



LIV5500R 5.5kVA RECOIL START PETROL GENERATOR



5.5kVA
MAXIMUM RATED OUTPUT

420CC
ENGINE DISPLACEMENT

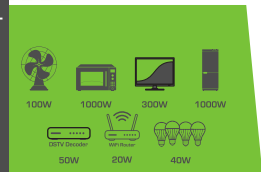
25L
FUEL TANK

SPECIFICATIONS
25L FUEL TANK
RUNTIME 100% = 8HRS
RECOIL START
4 STAGE DIGITAL METER
ADVANCED AVR
PURE COPPER ALTERNATOR
LOW OIL ALERT SENSOR
LED OIL INDICATOR

5.5kVA
MAXIMUM RATED OUTPUT

5.0kVA RATED OUTPUT

1YEAR
WARRANTY



LIV5500ES 5.5kVA ELECTRICAL START PETROL GENERATOR



5.5kVA
MAXIMUM RATED OUTPUT

420CC
ENGINE DISPLACEMENT

25L
FUEL TANK

LI-ION BATTERY

SPECIFICATIONS
25L FUEL TANK
RUNTIME 100% = 8HRS
LITHIUM ION BATTERY 1.6 AMP/H
ELECTRIC START
4 STAGE DIGITAL METER
ADVANCED AVR
PURE COPPER ALTERNATOR
LOW OIL ALERT SENSOR
LED OIL INDICATOR

5.5kVA
MAXIMUM RATED OUTPUT

5.0kVA RATED OUTPUT

1YEAR
WARRANTY



LIV7500ES 7.5kVA ELECTRICAL START PETROL GENERATOR



7.5kVA
MAXIMUM RATED OUTPUT

459CC
ENGINE DISPLACEMENT

25L
FUEL TANK

LI-ION BATTERY

SPECIFICATIONS
25L FUEL TANK
RUNTIME 100% = 6HRS
LITHIUM ION BATTERY 1.6 AMP/H
ELECTRIC START
4 STAGE DIGITAL METER
ADVANCED AVR
PURE COPPER ALTERNATOR
LOW OIL ALERT SENSOR
LED OIL INDICATOR

7.5kVA
MAXIMUM RATED OUTPUT

7.0kVA RATED OUTPUT

1YEAR
WARRANTY



DIGITAL INVERTER GENERATORS

RECOMMENDED FOR

- Offices
- WiFi systems
- TVs & computers
- Small business backup
- Sensitive equipment

Features

- Pure sine wave output
- Fuel efficient smart control
- USB charging
- Parallel connectivity capability
- Low noise operation
- Ideal for electronics

LIV2KVA 2kVA DIGITAL PURE SINE WAVE INVERTER GENERATOR



**SUPER
SILENT**

2kVA
MAXIMUM RATED OUTPUT

79CC
ENGINE DISPLACEMENT

4.2L
FUEL TANK



SPECIFICATIONS

DIGITAL INVERTOR TECHNOLOGY
5V 2.1 AMP USB CHARGING
LOW NOISE 67.5DB
ENGINE SMART CONTROL REDUCED ENGINE SPEED
PARALLEL CONNECTION CABLE INCLUDED
DEPENDING ON SIZE OF LOAD FOR FUEL EFFICIENCY
PURE SINE WAVE POWER FOR SENSITIVE ELECTRONIC APPLIANCES/DEVICES

2kVA
MAXIMUM
RATED OUTPUT

1.6kVA RATED
OUTPUT

1YEAR
WARRANTY



**DOUBLE
POWER**
WITH PARALLEL
CONNECTIVITY

Double Your Power by Connecting 2 Generators in Parrallel

LIV3KVA 3kVA DIGITAL PURE SINE WAVE INVERTER GENERATOR



**SUPER
SILENT**

3.2kVA
MAXIMUM RATED OUTPUT

208CC
ENGINE DISPLACEMENT

15L
FUEL TANK



SPECIFICATIONS

DIGITAL PURE SINE WAVE INVERTOR TECHNOLOGY
DESIGN TO POWER SENSITIVE ELECTRONIC APPLIANCES
LOW NOISE 67.5DB
DESIGNED WITH ROBUST FRAME
RECOIL START
4-1 DIGITAL METER
2.1 AMP USB OUTPUT

3.2kVA
MAXIMUM
RATED OUTPUT





3kVA RATED
OUTPUT

2YEAR
WARRANTY

HYBRID INVERTER SYSTEMS

SUITABLE FOR

Features

-  Built-in solar charger
-  Overload protection
-  Battery charging systems
-  Pure sine wave output
-  Backup power integration

- Home backup systems
- Office power backup
- Router & internet backup
- Lighting systems
- Small appliances

LV800PIT 800 WATT HYBRID INVERTER SYSTEM



800 WATT
MAXIMUM RATED OUTPUT
OVERLOAD
PROTECTION
50 AMP
BUILT IN SOLAR CHARGER

SPECIFICATIONS

Model		1000VA(800W) 12V
Input	Nominal Voltage	220-240VAC
	Input Voltage Range	90-280VAC
	Nominal Frequency	50Hz or 60Hz(Auto Detection)
Solar	Nominal Voltage	18Vdc
	Charging Current	50A±1A max.
Output	Voltage	230VAC ±10%
	Frequency	50/60Hz 0.1Hz
	Waveform	Modified Sine-wave
	Efficiency(AC to AC)	>95%
	Efficiency(DC to AC)	>80%
Battery	Nominal Voltage	12Vdc
Charger	Charging Voltage	14.4Vdc
	Charging Current	10A/20A±2A max.
	Overcharging Protection	16.0V
Transfer	Transfer Time	15-20ms typical(narrow range); 40ms max(wide range)
Audible Alarm	Low Battery Voltage in battery mode	Buzzing every 2 seconds
	Overload	Buzzing every 0.5 seconds
	Fault	Buzzing continuously
Environment	Temperature	0-40°C

800 WATT
MAXIMUM RATED OUTPUT
50 AMP
BUILT IN SOLAR CHARGER
1 YEAR
WARRANTY

LV1600PIT 1 600 WATT HYBRID INVERTER SYSTEM



1600 WATT
MAXIMUM RATED OUTPUT
OVERLOAD
PROTECTION
50 AMP
BUILT IN SOLAR CHARGER

SPECIFICATIONS

Model		2000VA(1600W) 24V
Input	Nominal Voltage	220-240VAC
	Input Voltage Range	90-280VAC
	Nominal Frequency	50Hz or 60Hz(Auto Detection)
Solar	Nominal Voltage	36Vdc
	Charging Current	50A±1A max.
Output	Voltage	230VAC ±10%
	Frequency	50/60Hz 0.1Hz
	Waveform	Modified Sine-wave
	Efficiency(AC to AC)	>95%
	Efficiency(DC to AC)	>80%
Battery	Nominal Voltage	24Vdc
Charger	Charging Voltage	28.8Vdc
	Charging Current	10A/15A±1A max.
	Overcharging Protection	32.0V
Transfer	Transfer Time	15-20ms typical(narrow range); 40ms max(wide range)
Audible Alarm	Low Battery Voltage in battery mode	Buzzing every 2 seconds
	Overload	Buzzing every 0.5 seconds
	Fault	Buzzing continuously
Environment	Temperature	0-40°C

1600 WATT
MAXIMUM RATED OUTPUT
50 AMP
BUILT IN SOLAR CHARGER
1 YEAR
WARRANTY

TRANSFORMER ACCESSORIES AND COMPONENTS

Kanamoza Industrial Supplies provides essential transformer accessories and supporting components designed to improve operational reliability, safety and maintenance efficiency.

OPTIONAL CONFIGURATIONS

- Indoor enclosures
- Outdoor enclosures
- IP-rated protection
- Smart monitoring systems
- Remote communication modules

For product availability, custom sourcing, bulk procurement, and technical enquiries, please contact Kanamoza Industrial Supplies at sales@kanamoza.co.za.

ACCESSORY	PURPOSE
HV & LV Bushings	Electrical connection insulation
Oil Level Indicators	Transformer oil monitoring
Pressure Relief Valves	Internal pressure protection
Thermometer Pockets	Temperature monitoring
Earthing Terminals	Grounding & protection
Cooling Fans	Forced cooling systems
DGPT2 Relays	Transformer protection
Neutral CTs	Current monitoring
Cable Boxes	Secure cable termination
Silica Gel Breathers	Moisture protection

Product configurations and availability may vary according to supplier specifications and operational requirements.



HV & LV Bushings



Oil Level Indicators



Pressure Relief Valves



Thermometer Pockets



Earthing Terminals



Cooling Fans



DGPT2 Relays



Neutral CTs



Cable Boxes



Silica Gel Breathers

ENERGY AND BACKUP POWER SOLUTIONS

Batteries

High-performance battery solutions designed for backup power, renewable energy storage and industrial applications.



Battery Type	Advantage	Typical Applications
Lithium Iron Phosphate	Long lifespan & high safety	Solar backup, UPS, industrial storage
Lithium-Ion	High energy density	Portable electronics, power stations
Lithium Polymer	Lightweight & compact	Portable devices, mobility systems
Deep Cycle Lithium	Repeated deep discharge capability	Solar systems, RVs, marine
Rack Mount Lithium	Modular energy storage	Server rooms, commercial ESS
Wall Mount Lithium	Space-saving installation	Residential solar backup
High Voltage Lithium	Large-scale energy support	Industrial & commercial systems
Portable Lithium Power	Mobile backup power	Field work, emergency use
Smart Lithium Batteries	Remote monitoring	Smart energy systems
Industrial Lithium Batteries	Heavy-duty performance	Telecoms, factories, mining

Battery Storage

TYPICAL APPLICATIONS

- Solar energy storage
- Hybrid systems
- Industrial backup
- Peak demand reduction



Residential Storage

Commercial ESS

Rack Battery Systems

INSTALLATION AND COMMISSIONING SUPPORT

Kanamoza supports industrial and infrastructure projects with professional installation coordination and commissioning assistance for power systems and energy infrastructure.

SERVICES INCLUDE

- Transformer installation support
- Generator installation guidance
- Electrical integration support
- Site readiness consultation
- Load assessment assistance
- Startup & commissioning support
- Compliance coordination

SUITABLE FOR

- Industrial plants
- Commercial buildings
- Utilities
- Mining operations
- Municipal infrastructure
- Agricultural operations



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