

BE A POWER MASTER



10KVA PETROL GENERATOR
SRGE12000E

POWERMASTER™
keeping you in charge

GENERATORS | INVERTER GENERATORS | WATER PUMPS

BE A POWER MASTER

What separates the good from the great is having reliable portable power whenever and wherever you need it.

Power Master is an innovative, hard-working and complete range of portable generators with options for work, home or recreation. The diesel and petrol models range from 1kVA to 24kVA, providing a portable power solution for every need and application.

Power Master products have been designed and manufactured to keep working in Africa's tough conditions. The whole range has been developed to strict international quality and technology standards, whilst offering great value.

WHY POWER MASTER

- Well-established service and warranty support network
- High quality components that ensure the best possible performance & longevity
- Built-in safety features: Solid structured steel frames, secured fuel tanks
- Alternators are only manufactured using 100% copper content
- All generators include automatic voltage regulators
- High quality circuit breakers
- 4 stage digital meter technology (measure voltage, frequency & running hours)
- All electric start models come with a sealed and maintenance free battery included



2.2 KVA
PETROL GENERATOR

SRGE2500

| | | | |
|-----------------------|------------------|--------------------|-----------------|
| Displacement | 208 cc | Tank Protector | Yes |
| Starting System | Recoil | Type | 4 Stroke Petrol |
| Rated Voltage | 230 V | Advanced AVR | Yes |
| Rated Frequency | 50 Hz | Wheels and Handles | No |
| Rated Output | 2 kVA / 2000 W | 14ah Battery | No |
| Max. Output | 2.2 kVA / 2200 W | Dimensions | 600x455x460 mm |
| Fuel Tank Capacity | 15 L | G.W. | 43.5 kg |
| Digital 4 Stage Meter | Yes | | |



2.8 KVA
PETROL GENERATOR

SRGE3500E

| | | | |
|-----------------------|------------------|--------------------|-----------------|
| Displacement | 208 cc | Tank Protector | Yes |
| Starting System | Electric | Type | 4 Stroke Petrol |
| Rated Voltage | 230 V | Advanced AVR | Yes |
| Rated Frequency | 50 Hz | Wheels and Handles | No |
| Rated Output | 2.5 kVA / 2500 W | 14ah Battery | Yes |
| Max. Output | 2.8 kVA / 2800 W | Dimensions | 600x455x460 mm |
| Fuel Tank Capacity | 15 L | G.W. | 47.5 kg |
| Digital 4 Stage Meter | Yes | | |

PORTABLE GENERATORS

POWER MASTER™
keeping you in charge

DIESEL GENERATOR

5KVA



SRDE5500Q

| | | | |
|-----------------------|------------------|--------------------|----------------|
| Displacement | 406 cc | Tank Protector | No |
| Starting System | Electric | Type | Silent |
| Rated Voltage | 230 V | Advanced AVR | Yes |
| Rated Frequency | 50 Hz | Wheels and Handles | Yes |
| Rated Output | 4.5 kVA / 4500 W | 14ah Battery | Yes |
| Max. Output | 5 kVA / 5000 W | Dimensions | 945x565x760 mm |
| Fuel Tank Capacity | 14.5 L | G.W. | 175 kg |
| Digital 4 Stage Meter | Yes | Noise Level | 72 DB at 7m |



SRGE75000D

| | | | |
|-----------------------|------------------|--------------------|-----------------|
| Displacement | 420 cc | Tank Protector | Yes |
| Starting System | Electric | Type | 4 Stroke Petrol |
| Rated Voltage | 230 V | Advanced AVR | Yes |
| Rated Frequency | 50 Hz | Wheels and Handles | Yes |
| Rated Output | 6 kVA / 6000 W | 14ah Battery | Yes |
| Max. Output | 6.5 kVA / 6500 W | Dimensions | 700x600x580 mm |
| Fuel Tank Capacity | 25 L | G.W. | 95 kg |
| Digital 4 Stage Meter | Yes | | |

PETROL GENERATOR

5.5KVA



SRGE65000D

| | | | |
|-----------------------|------------------|--------------------|-----------------|
| Displacement | 390 cc | Tank Protector | Yes |
| Starting System | Electric | Type | 4 Stroke Petrol |
| Rated Voltage | 230 V | Advanced AVR | Yes |
| Rated Frequency | 50 Hz | Wheels and Handles | Yes |
| Rated Output | 5 kVA / 5000 W | 14ah Battery | Yes |
| Max. Output | 5.5 kVA / 5500 W | Dimensions | 700x600x580 mm |
| Fuel Tank Capacity | 25 L | G.W. | 93 kg |
| Digital 4 Stage Meter | Yes | | |



SRGE8500D

| | | | |
|-----------------------|------------------|--------------------|-----------------|
| Displacement | 408 cc | Tank Protector | Yes |
| Starting System | Electric | Type | 4 Stroke Petrol |
| Rated Voltage | 230 V | Advanced AVR | Yes |
| Rated Frequency | 50 Hz | Wheels and Handles | Yes |
| Rated Output | 7 kVA / 7000 W | 14ah Battery | Yes |
| Max. Output | 7.5 kVA / 7500 W | Dimensions | 700x600x580 mm |
| Fuel Tank Capacity | 25 L | G.W. | 96 kg |
| Digital 4 Stage Meter | Yes | | |

7.5KVA

PETROL GENERATOR

PORTABLE GENERATORS

PETROL GENERATOR
7.5KVA



SRGE85000ZN

| | | | |
|-----------------------|------------------|--------------------|-----------------|
| Displacement | 408 cc | Tank Protector | Yes |
| Starting System | ATS - Automatic | Type | 4 Stroke Petrol |
| Rated Voltage | 230 V | Advanced AVR | Yes |
| Rated Frequency | 50 Hz | Wheels and Handles | Yes |
| Rated Output | 7 kVA / 7000 W | 14ah Battery | Yes |
| Max. Output | 7.5 kVA / 7500 W | Dimensions | 700x600x580 mm |
| Fuel Tank Capacity | 25 L | G.W. | 96 kg |
| Digital 4 Stage Meter | Yes | | |

PETROL GENERATOR
10KVA



SRGE12000E

| | | | |
|-----------------------|-------------------|--------------------|-----------------|
| Displacement | 678 cc | Tank Protector | Yes |
| Starting System | Electric | Type | 4 Stroke Petrol |
| Rated Voltage | 230 V | Advanced AVR | Yes |
| Rated Frequency | 50 Hz | Wheels and Handles | Yes |
| Rated Output | 9.5 kVA / 9500 W | 14ah Battery | Yes |
| Max. Output | 10 kVA / 10 000 W | Dimensions | 975x645x700 mm |
| Fuel Tank Capacity | 26 L | G.W. | 190 kg |
| Digital 4 Stage Meter | Yes | | |



10KVA
DIESEL GENERATOR

JDP12000SC

| | | |
|-----------|--------------------------|--|
| GENERATOR | Type | Revolving Field, 2 Pole, Self Exciting, Copper Wire, Brush Type With Avr, 3000Rpm |
| | Voltage Regulation | Avr |
| | Frequency(Hz) | 50Hz |
| | Output(Kw) | 10kW |
| | Voltage (Ac)(V) | V |
| | Engine Speed(R/Min) | 3000 |
| | Phase | Single Phase |
| | Power Factor | 1 |
| | Excitation System | Controlled Constant Selft Excitation |
| | Model | EV80 |
| ENGINE | Type | Swirl Chamber, V - Twin Cylinder, 4 Cycle, Water Cooled Diesel Engine, Electronic Governor |
| | Displacement (Cc) | 794cc |
| | Output(Kw)/(Hp) | 8.5kW |
| | Fuel Consumption(G/Kw*H) | <297 |
| | Starting System | Electric Start With Battery |
| | Fuel/Lub.oil | Diesel Fuel/Sae10w-30 Or Sae15w-40 |
| | Fuel Tank Capacity(L) | 25L |
| | Lub.oil Capacity(L) | 2.27L |
| | Borexstroke(Mm) | 80X79 |
| | Fuel Guage | Yes |
| FEATURES | Voltmeter | Yes |
| | Ac Circuit Breaker C50 | Yes |
| | Engine Switch | Yes |
| | Dc Output 12V/8.3A | Yes |
| | Low Oil Pressure Sensor | Yes |
| | Battery 36Ah/12V | Yes |
| | Ac Sockets | Yes |
| | Wheels | Yes |
| | Noise Level (DB) | 72 |
| | Amf | Optional Extra |
| PACKAGE | Dimensions | 1300x750x860 |
| | G.w(Kg) | 290kg |
| | N.w(Kg) | 275kg |

PORTABLE GENERATORS

POWER MASTER™
keeping you in charge

PETROL GENERATOR

10KVA



JDP12000ES

| | | | |
|-------------------------|--------------------------|--|--------------|
| GENERATOR | Type | Revolving Magnetic Field, 2 Pole, Self Excitator Copper Wire, Brush Type With Avr, 3000Rpm | |
| | Voltage Regulation | Avr | |
| | Frequency(Hz) | 50Hz | |
| | Output(Kw) | 10KW | |
| | Voltage (Ac)(V) | 220V | |
| | Engine Speed(R/Min) | 3000 | |
| | Phase | Single Phase | |
| | Power Factor | 1 | |
| | Excitation System | Controlled Constant Self Excitation | |
| ENGINE | Model | 2V78F-1 | |
| | Type | 2 Cyliner V - Twin 4 Stroke Air Cooled Gasoline Engine | |
| | Displacement (Cc) | 678cc | |
| | Output(Kw)/(Hp) | 20HP | |
| | Fuel Consumption(G/Kw*H) | ≤360 | |
| | Starting System | Electric Start With Battery | |
| | Fuel/Lub.oil | Unleaded Gasoline/Sae10w-30 Or Sae15w-40 | |
| | Fuel Tank Capacity(L) | 25L | |
| | Lub.oil Capacity(L) | 1.5L | |
| | Borexstroke(Mm) | 78x71 | |
| | FEATURES | Fuel Guage | Yes |
| Voltmeter | | Yes | |
| Ac Circuit Breaker C50 | | Yes | |
| Engine Switch | | Yes | |
| Dc Output 12V/8.3A | | Yes | |
| Low Oil Pressure Sensor | | Yes | |
| Battery 36Ah/12V | | Yes | |
| Ac Sockets | | Yes | |
| Wheels | | Yes | |
| Noise Level (DB) | | 69 | |
| Amf | | Not Available | |
| PACKAGE | | Dimensions | 1280x710x860 |
| | | G.w(Kg) | 230kg |
| | N.w(Kg) | 215kg | |



JDP12000ES3

| | | | |
|-------------------------|--------------------------|--|--------------|
| GENERATOR | Type | Revolving Magnetic Field, 2 Pole, Self Excitator Copper Wire, Brush Type With Avr, 3000rpm | |
| | Voltage Regulation | Avr | |
| | Frequency(Hz) | 50Hz | |
| | Output(Kw) | 10KW | |
| | Voltage (Ac)(V) | 380V | |
| | Engine Speed(R/Min) | 3000 | |
| | Phase | 3 Phase | |
| | Power Factor | 1 | |
| | Excitation System | Controlled Constant Self Excitation | |
| ENGINE | Model | 2V78F-1 | |
| | Type | 2 Cyliner V - Twin 4 Stroke Air Cooled Gasoline Engine | |
| | Displacement (Cc) | 678cc | |
| | Output(Kw)/(Hp) | 20HP | |
| | Fuel Consumption(G/Kw*H) | ≤360 | |
| | Starting System | Electric Start With Battery | |
| | Fuel/Lub.oil | Unleaded Gasoline/Sae10w-30 Or Sae15w-40 | |
| | Fuel Tank Capacity(L) | 25L | |
| | Lub.oil Capacity(L) | 1.5L | |
| | Borexstroke(Mm) | 78x71 | |
| | FEATURES | Fuel Guage | Yes |
| Voltmeter | | Yes | |
| Ac Circuit Breaker C50 | | Yes | |
| Engine Switch | | Yes | |
| Dc Output 12V/8.3A | | Yes | |
| Low Oil Pressure Sensor | | Yes | |
| Battery 36Ah/12V | | Yes | |
| Ac Sockets | | Yes | |
| Wheels | | Yes | |
| Noise Level (DB) | | 69 | |
| Amf | | Not Available | |
| PACKAGE | | Dimensions | 1280x710x860 |
| | | G.w(Kg) | 230kg |
| | N.w(Kg) | 215kg | |

10KVA

PETROL GENERATOR

PORTABLE GENERATORS

POWER MASTER™
keeping you in charge

DIESEL GENERATOR

10KVA



JDP12000-LDE

| | | | |
|-------------------------|--------------------------|---|--------------|
| GENERATOR | Type | Revolving Magnetic Field, 2 Pole, Self Excitating Copper Wire, Brush Type With Avr, 3000Rpm | |
| | Voltage Regulation | Avr | |
| | Frequency(Hz) | 50Hz | |
| | Output(Kw) | 10KW | |
| | Voltage (Ac)(V) | 220V | |
| | Engine Speed(R/Min) | 3000 | |
| | Phase | Single Phase | |
| | Power Factor | 1 | |
| | Excitation System | Controlled Constant Selft Excitation | |
| ENGINE | Model | R2V870X | |
| | Type | Direct Njection, 2 Cylinder V - Twin 4 Cycle Air Cooled Engine | |
| | Displacement (cc) | 865cc | |
| | Output(Kw)/(Hp) | 22HP | |
| | Fuel Consumption(G/Kw*H) | ≤289 | |
| | Starting System | Electric Start With Battery | |
| | Fuel/Lub.oil | Diesel/Sae10w-30 Or Sae15w-40 | |
| | Fuel Tank Capacity(L) | 25L | |
| | Lub.oil Capacity(L) | 1.7L | |
| | Borexstroke(Mm) | 88x72 | |
| | FEATURES | Fuel Guage | Yes |
| Voltmeter | | Yes | |
| Ac Circuit Breaker C50 | | Yes | |
| Engine Switch | | Yes | |
| Dc Output 12V/8.3A | | Yes | |
| Low Oil Pressure Sensor | | Yes | |
| Battery 36Ah/12V | | Yes | |
| Ac Sockets | | Yes | |
| Wheels | | Yes | |
| Noise Level (DB) | | 74 | |
| Amf | | Optional Extra | |
| PACKAGE | | Dimensions | 1280x710x860 |
| | | G.w(Kg) | 285kg |
| | N.w(Kg) | 270kg | |



JDP12000-LDE3

| | | | |
|-------------------------|--------------------------|---|--------------|
| GENERATOR | Type | Revolving Magnetic Field, 2 Pole, Self Excitating Copper Wire, Brush Type With Avr, 3000Rpm | |
| | Voltage Regulation | Avr | |
| | Frequency(Hz) | 50Hz | |
| | Output(Kw) | 10KW | |
| | Voltage (Ac)(V) | 380V | |
| | Engine Speed(R/Min) | 3000 | |
| | Phase | 3 Phase | |
| | Power Factor | 1 | |
| | Excitation System | Controlled Constant Selft Excitation | |
| ENGINE | Model | R2V870X | |
| | Type | Direct Injection, 2 Cylinder V - Twin 4 Cycle Air Cooled Engine | |
| | Displacement (Cc) | 865cc | |
| | Output(Kw)/(Hp) | 22HP | |
| | Fuel Consumption(G/Kw*H) | ≤289 | |
| | Starting System | Electric Start With Battery | |
| | Fuel/Lub.oil | Diesel/Sae10w-30 Or Sae15w-40 | |
| | Fuel Tank Capacity(L) | 25L | |
| | Lub.oil Capacity(L) | 1.7L | |
| | Borexstroke(Mm) | 88x72 | |
| | FEATURES | Fuel Guage | Yes |
| Voltmeter | | Yes | |
| Ac Circuit Breaker C50 | | Yes | |
| Engine Switch | | Yes | |
| Dc Output 12V/8.3A | | Yes | |
| Low Oil Pressure Sensor | | Yes | |
| Battery 36Ah/12V | | Yes | |
| Ac Sockets | | Yes | |
| Wheels | | Yes | |
| Noise Level (DB) | | 74 | |
| Amf | | Optional Extra | |
| PACKAGE | | Dimensions | 1280x710x860 |
| | | G.w(Kg) | 285kg |
| | N.w(Kg) | 270kg | |

10KVA

DIESEL GENERATOR

PORTABLE GENERATORS

POWER MASTER™
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DIESEL GENERATOR

15KVA



PM15GF-LDE (Single Phase)
PM15GF-LDE3 (Three Phase)



(Single Phase) PM24GF-LDE
(Three Phase) PM24GF-LDE3

24KVA

DIESEL GENERATOR

| | | |
|-----------|--------------------------|---|
| GENERATOR | Type | Revolving Magnetic Field, 4 Pole, Copper Wire, Brushless Type With AVR, 1500rpm |
| | Voltage Regulation | AVR |
| | Frequency(Hz) | 50Hz |
| | Output(Kw) | 15kW |
| | Voltage (Ac)(V) | 380V/220V |
| | Engine Speed(R/Min) | 1500 |
| | Phase | Three Phase / Single Phase |
| | Power Factor | 0.8 |
| | Excitation System | Brushless Excitation |
| | Model | 490D |
| ENGINE | Type | Direct Injection, Water Cooled, 4 Cylinder, 4 Cycle Diesel Engine |
| | Displacement (cc) | 2543cc |
| | Output(Kw)/(Hp) | 21KW |
| | Fuel Consumption(G/Kw*H) | ≤240 |
| | Starting System | Electric Start With Battery |
| | Fuel/Lub.oil | Diesel/SAE10W-30 OR SAE15W-40 |
| | Fuel Tank Capacity(L) | 70L |
| | Lub.oil Capacity(L) | 14L |
| | Bore x stroke(Mm) | 90x100 |
| | Fuel Guage | Indicated In Controller |
| FEATURES | Voltmeter | Indicated In Controller |
| | Ac Circuit Breaker C50 | Yes |
| | Engine Switch | Yes |
| | Dc Output 12V/8.3A | No |
| | Low Oil Pressure Sensor | Yes |
| | Battery 36Ah/12V | Yes |
| | Ac Sockets | Output Terminal |
| | Wheels | No |
| | Noise Level (DB) | 70 |
| | Amf | Included |
| PACKAGE | Dimensions | 205x100x110 |
| | G.w(Kg) | 840kg |
| | N.w(Kg) | 790kg |

| | | |
|-----------|--------------------------|---|
| GENERATOR | Type | Revolving Magnetic Field, 4 Pole, Copper Wire, Brushless Type With Avr, 1500rpm |
| | Voltage Regulation | AVR |
| | Frequency(Hz) | 50Hz |
| | Output(Kw) | 24kW |
| | Voltage (Ac)(V) | 380V/220V |
| | Engine Speed(R/Min) | 1500 |
| | Phase | 3 Phase / Single Phase |
| | Power Factor | 0.8 |
| | Excitation System | Brushless Excitation |
| | Model | 4102D |
| ENGINE | Type | Direct Injection, Water Cooled, 4 Cylinder, 4 Cycle Diesel Engine |
| | Displacement (Cc) | 3857cc |
| | Output(Kw)/(Hp) | 30KW |
| | Fuel Consumption(G/Kw*H) | ≤244 |
| | Starting System | Electric Start With Battery |
| | Fuel/Lub.oil | Diesel/SAE10W-30 OR SAE15W-40 |
| | Fuel Tank Capacity(L) | 80L |
| | Lub.oil Capacity(L) | 1.7L |
| | Bore x stroke(Mm) | 102X118 |
| | Fuel Guage | Indicated In Controller |
| FEATURES | Voltmeter | Indicated In Controller |
| | Ac Circuit Breaker C50 | Yes |
| | Engine Switch | Yes |
| | Dc Output 12V/8.3A | No |
| | Low Oil Pressure Sensor | Yes |
| | Battery 36Ah/12V | Yes |
| | Ac Sockets | Output Terminal |
| | Wheels | No |
| | Noise Level (DB) | 73 |
| | Amf | Included |
| PACKAGE | Dimensions | 225X105X116 |
| | G.w(Kg) | 980kg |
| | N.w(Kg) | 930kg |

WELDER GENERATORS



INVERTER GENERATORS



WELDER GENERATOR
5.5KVA



SRWF250E

| | | | |
|-----------------------|--------------------------------|-----------------------|------------------|
| Welding Rated | 22-28 | Displacement | 445 ml |
| Voltage DC | 210V - 60% | Starting System | Electric |
| Rated Current | 180A - 80% | Rated Voltage | 230 V |
| Duty Cycle | 16A - 100% | Rated Frequency | 50 Hz |
| Current Adj. Range | 50A - 250A | Rated Output | 5 kVA / 5000 W |
| Diameter of Electrode | 2.0 - 5.0 mm | Max. Output | 5.5 kVA / 5500 W |
| Fuel Consumption | 4.3 at full load | Fuel Tank Capacity | 25 L |
| Type | 4 Stroke Petrol | Digital 3 Stage meter | Yes |
| Advanced AVR | Yes | Battery | Yes |
| Transistor Ignition | Non Contact | Wheel Kit | Yes |
| Type | 2-Pole Rotating Magnetic Field | | |

1.2KVA
INVERTER GENERATOR



XY1200I

| | |
|----------------------------------|--------------------------------------|
| Frequency | 50 Hz |
| Rated Output | 1 kW / 1000 W |
| Max. Output | 1.2 kW / 1200 W |
| Rated AC Voltage | 230V |
| Power Factor | 1 |
| DC Output | 12 V / 4 AMP |
| Engine Type | Forced Air Cooled, 4 Stroke OVH |
| Displacement / CC | 60 |
| Continuous Operating Time | 4.3 Hours at 100% Load |
| Continuous Operating Time | 6.6 Hours at 50% Load (Economy Mode) |
| Oil Capacity | 0.35 L |
| Technology | 100% Pure Sine Wave |
| Noise Level | 58 DB at 100% Load |
| Overload | Computerised Overload Protection |
| Low Oil / Tip Over Protection | Yes |
| Fuel Tank Capacity | 3.0 L |
| Economy Mode For Fuel Efficiency | Yes |
| Starting Mode | Recoil |
| Dimensions | 492x262x406 mm |
| G.W. | 15 kg |
| Design | Lightweight and Compact |

INVERTER GENERATORS

POWER MASTER™
keeping you in charge

INVERTER GENERATOR

2.5KVA

DY2500LBI



| | |
|----------------------------------|--------------------------------------|
| Frequency | 50 Hz |
| Rated Output | 2.2 kW / 2200 W |
| Max. Output | 2.5 kW / 2500 W |
| Rated AC Voltage | 230V |
| Power Factor | 1 |
| DC Output | 12 V / 8.3 AMP |
| Engine Type | Forced Air Cooled, 4 Stroke OVH |
| Displacement / CC | 125 |
| Continuous Operating Time | 4.2 Hours at 100% Load |
| Continuous Running Time | 6.6 Hours at 50% Load (Economy Mode) |
| Oil Capacity | 0.9 L |
| Technology | 100% Pure Sine Wave |
| Noise Level | 60 DB at 100% Load |
| Overload | Computerised Overload Protection |
| Low Oil / Tip Over Protection | Yes |
| Fuel Tank Capacity | 5.7 L |
| Economy Mode For Fuel Efficiency | Yes |
| Starting Mode | Recoil |
| Dimensions | 565x320x470 mm |
| G.W. | 31 kg |
| Design | Lightweight and Compact |



3.5KVA

INVERTER GENERATOR

XYG3500I

| | |
|----------------------------------|--------------------------------------|
| Frequency | 50 Hz |
| Rated Output | 3.0 kW / 3000 W |
| Max. Output | 3.5 kW / 3500 W |
| Rated AC Voltage | 230V |
| Power Factor | 1 |
| DC Output | 12 V / 12 AMP |
| Engine Type | Forced Air Cooled, 4 Stroke OVH |
| Displacement / CC | 149 |
| Continuous Operating Time | 3.1 Hours at 100% Load |
| Continuous Running Time | 6.6 Hours at 50% Load (Economy Mode) |
| Oil Capacity | 0.9 L |
| Technology | 100% Pure Sine Wave |
| Noise Level | 60 DB at 100% Load |
| Overload | Computerised Overload Protection |
| Low Oil / Tip Over Protection | Yes |
| Fuel Tank Capacity | 7.0 L |
| Economy Mode For Fuel Efficiency | Yes |
| Starting Mode | Recoil |
| Dimensions | 492x262x406 mm |
| G.W. | 41 kg |
| Design | Lightweight and Compact |

INVERTER GENERATORS

INVERTER GENERATOR

3.5KVA

XYG3500IE



| | |
|----------------------------------|--------------------------------------|
| Frequency | 50 Hz |
| Rated Output | 3.0 kW / 3000 W |
| Max. Output | 3.5 kW / 3500 W |
| Rated AC Voltage | 230V |
| Power Factor | 1 |
| DC Output | 12 V / 12 AMP |
| Engine Type | Forced Air Cooled, 4 Stroke OVH |
| Displacement / CC | 149 |
| Continuous Operating Time | 3.1 Hours at 100% Load |
| Continuous Running Time | 6.6 Hours at 50% Load (Economy Mode) |
| Battery | Yes |
| Oil Capacity | 0.9 L |
| Technology | 100% Pure Sine Wave |
| Noise Level | 60 DB at 100% Load |
| Overload | Computerised Overload Protection |
| Low Oil / Tip Over Protection | Yes |
| Fuel Tank Capacity | 7.0 L |
| Economy Mode For Fuel Efficiency | Yes |
| Starting Mode | Recoil & Battery |
| Dimensions | 492x262x406 mm |
| G.W. | 41 kg |
| Design | Lightweight and Compact |

WATER PUMPS

POWERMASTER™
keeping you in charge



2 INCH

PETROL WATER PUMPS

SRWP20

| | | | |
|-----------------|--|-------------------|----------------|
| Engine | SR170F | Suction | 7 m |
| Engine Type | Forced air Cooling 4 Stroke, OHV 25° Single Cylinder | Lift | 30 m |
| Displacement | 208 ml | Flow | 24 m³/h |
| Starting System | Recoil | Inlet Outlet Dia. | 50 / 50 mm |
| Pump Type | Aluminium | Dimensions | 480x455x440 mm |
| Max. Output | 4.2 kW / 3600 r/min | G.W. | 26 kg |
| | | Fuel | Petrol |



3 INCH

PETROL WATER PUMPS

SRWP30

| | | | |
|-----------------|---|-------------------|----------------|
| Engine | SR178FD | Suction | 7 m |
| Engine Type | Forced Air Cooling 4 Stroke Single Cylinder | Lift | 28 m |
| Displacement | 296 ml | Flow | 45 m³/h |
| Starting System | Recoil | Inlet Outlet Dia. | 80 / 80 mm |
| Pump Type | Aluminium | Dimensions | 595X480X555 mm |
| Max. Output | 4.0 kW / 3600 r/min | G.W. | 49.5 kg |
| | | Fuel | Petrol |

DIESEL WATER PUMPS 2 INCH



SRWP20D

| | | | |
|-----------------|---|-------------------|----------------------|
| Engine | SR170FD | Max. Output | 3.5 kW / 3600 r/min |
| Engine Type | Forced Air Cooling, 4 Stroke OHV 25 Degree Single Cylinder | Suction | 7 m |
| | | Lift | 25 m |
| | | Flow | 25 m ³ /h |
| | | Inlet Outlet Dia. | 50 / 50 mm |
| Displacement | 211 ml | Dimensions | 595X480X555 mm |
| Starting System | Recoil | G.W. | 41 kg |
| Pump Type | Aluminium | Fuel | Diesel |

DIESEL WATER PUMPS 3 INCH



SRWP30DA

| | | | |
|-----------------|---|-------------------|----------------------|
| Engine | SR178FD | Max. Output | 4.0 kW / 3600 r/min |
| Engine Type | Forced Air Cooling 4 Stroke Single Cylinder | Suction | 7 m |
| | | Lift | 28 m |
| | | Flow | 45 m ³ /h |
| | | Inlet Outlet Dia. | 80 / 80 mm |
| Displacement | 296 ml | Dimensions | 595X480X555 mm |
| Starting System | Recoil | G.W. | 49.5 kg |
| Pump Type | Aluminium | Fuel | Diesel |

TRANSFER SWITCHES



Generator 63 Amp
Single Phase
Manual Transfer Switch
GENSWITCH1



Generator 63 Amp
3 Phase
Manual Transfer Switch
GENSWITCH2

SPARES KIT



| | |
|------------|---|
| GENSPARES1 | Generator Spares / Service Kit - 2.8 kVA Series |
| GENSPARES2 | Generator Spares / Service Kit 5.5 / 6.5 / 7.5 kVA Series |

GENERATOR STORAGE COVER



| | |
|------------|----------------------------|
| GENCOVER 1 | 2.8 kVA Series |
| GENCOVER 2 | 5.5 / 6.5 / 7.5 kVA Series |
| GENCOVER 3 | 10 kVA Series |

HOW TO CHOOSE A GENERATOR



First step in selecting a generator is to understand what level of power usage you will need. Below we've listed the most commonly used products as a reference point. Please note that this chart is a guide line and actual consumption may vary by product and manufacturer brands.

| Product Category | Product Description | Running/Rated Power In Watts | Additional Starting Power In Watts | Total Power Required From Generator To Start And Run Product In Watts |
|------------------|---------------------------------|------------------------------|------------------------------------|---|
| Essentials | Light Bulbs Incandecent 40Watt | 40 | 0 | 40 |
| | Light Bulbs Incandecent 60Watt | 60 | 0 | 60 |
| | Light Bulbs Incandecent 100Watt | 100 | 0 | 100 |
| Kitchen | Refrigerator/Freezer | 1000 | 2000 | 3000 |
| | Dishwasher | 1500 | 3000 | 4500 |
| | Microwave Oven 625 Watt | 625 | 0 | 625 |
| | Microwave Oven 1000 Watt | 1000 | 0 | 1000 |
| | Coffee Maker 1000 Watt | 1000 | 0 | 1000 |
| | Kettle - 2200 Watt | 2200 | 0 | 2200 |
| | Toaster 850 Watt | 850 | 0 | 850 |
| | Food Processor | 400 - 600 | 0 | 400 - 600 |
| | Electric Griller 2200 Watt | 2200 | 0 | 2200 |
| Laundry | Washing Machine | 1200 | 2400 | 3600 |
| | Tumble Dryer | 1500 | 3000 | 4500 |
| | Iron - 1200 Watt - 1600 Watt | 1200 - 1600 | 0 | 1200 - 1600 |
| Family Room | LED TV 47" | 300 - 500 | 0 | 300 - 500 |
| | DVD Player | 150 | 0 | 150 |
| | DStv | 150 | 0 | 150 |
| Heating/Cooling | Air-conditioner 9000 BTU | 1500 | 3000 | 4500 |
| | Air-conditioner 12000 BTU | 1800 | 3600 | 5400 |
| | Air-conditioner 18000 BTU | 2500 | 5000 | 7500 |
| | Air-conditioner 24000 BTU | 3800 | 7600 | 11400 |
| | Fan 20" | 200 | 0 | 200 |

| Product Category | Product Description | Running/Rated Power In Watts | Additional Starting Power In Watts | Total Power Required From Generator To Start And Run Product In Watts |
|------------------|---------------------|------------------------------|------------------------------------|---|
| WORK/ DIY | | | | |

Electrical motors that use brushes will have a coefficient of approximately 1.4. This means that the start up power must be multiplied by the coefficient for example a 500 watt power drill will require and additional 700 watts start up power therefore the total required power to operate the drill is 500W + 700W = 1200W.

| | | | | |
|-----------------|-----------------------|------|------|------|
| DIY Power Tools | Rotary Drill - 550W | 550 | 770 | 1320 |
| | Impact Drill - 850W | 850 | 1190 | 2040 |
| | Multi Sander - 160W | 160 | 224 | 384 |
| | Orbital Sander - 200W | 200 | 280 | 480 |
| | Belt Sander - 710W | 710 | 994 | 1704 |
| | Angle Grinder -850W | 850 | 1190 | 2040 |
| | Angle Griner - 2200W | 2200 | 3080 | 5280 |
| | Mitre Saw - 2000W | 2000 | 2800 | 4800 |
| Planer - 500W | 500 | 700 | 1200 | |
| Jigsaw - 620W | 620 | 868 | 1488 | |

Asynchronous motors (squirrel cage type) will have a coefficient of approximately 2. This means that the start up power must be multiplied by the coefficient for example a 2200 watt air compressor will require and additional 4400 watts start up power therefore the total required power to operate the air compressor is 2200W + 4400W = 6600W.

| | | | | |
|-----------------|------------------------------|-------------|------|-------------|
| Air Compressors | Air Compressor 200LT - 2200W | 2200 | 4400 | 6600 |
| | Air Compressor 24LT - 1100W | 1100 | 2200 | 3300 |
| Office | Computer Monitor | 300-500 | 0 | 300 -500 |
| | Copy Machine | 1500 - 2000 | 0 | 1500 - 2000 |
| | Lazer Printer | 800 -1200 | 0 | 800 - 1200 |

HELPFUL FORMULAS

| | |
|--------------------------|--|
| Wattage = AMPS x Voltage | Ampere = $\frac{\text{Wattage}}{\text{Voltage}}$ |
|--------------------------|--|



| |
|---|
| Amps per phase = $\frac{\text{kVA} \times 1000}{658}$ |
|---|



HOW TO CHOOSE A GENERATOR


GENERAL GUIDELINE

Please see below a few typical scenarios to serve as a guideline when selecting the appropriate generator for your requirements.



Please note that this chart is a guideline and actual consumption may vary to what is indicated. Please check the manufacturers specifications for accurate measurements.

| | | | | |
|--|---|-----------------|---------------|------------------------------|
|  SRGE2500 |  | | | |
| | SINGLE DOOR FRIDGE 1500 W | LCD TV 300 W | DSTV 150 W | 10 X 11W CFL GLOBES 110 W |
| 2060W = | | | | |

| | | | | |
|---|---|-----------------|---------------|------------------------------|
|  SRGE3500E |  | | | |
| | DOUBLE DOOR FRIDGE 2000 W | LCD TV 300 W | DSTV 150 W | 10 X 11W CFL GLOBES 110 W |
| 2560W = | | | | |

| | | | | |
|---|--|-------------------------|-----------------|---------------|
|  SRGE65000D |  | | | |
| | DOUBLE DOOR FRIDGE 2000 W | CHEST FREEZER 2000 W | LCD TV 300 W | DSTV 150 W |
| 4560W = | | | | |

| | | | | | |
|--|---|-------------------------|--------------------------|-----------------|---------------|
|  SRGE75000D |  | | | | |
| | DOUBLE DOOR FRIDGE 2000 W | CHEST FREEZER 2000 W | MICROWAVE OVEN 1000 W | LCD TV 300 W | DSTV 150 W |
| 5560W = | | | | | |

| | | | | | | |
|--|--|-------------------------|--------------------------|-----------------|---------------|---------------------|
|  SRGE8500D |  | | | | | |
| | DOUBLE DOOR FRIDGE 2000 W | CHEST FREEZER 2000 W | MICROWAVE OVEN 1000 W | LCD TV 300 W | DSTV 150 W | DVD PLAYER 150 W |
| 5710W = | | | | | | |

| | | | | | | | | | |
|---|--|-------------------------|--------------------------|------------------|-----------------|-----------------|---------------|---------------------|---------------------|
|  SRGE12000E |  | | | | | | | | |
| | DOUBLE DOOR FRIDGE 2000 W | CHEST FREEZER 2000 W | MICROWAVE OVEN 1000 W | KETTLE 2400 W | LCD TV 300 W | LCD TV 300 W | DSTV 150 W | DVD PLAYER 150 W | POOL PUMP 1200 W |
| 9720W = | | | | | | | | | |

SERVICE, MAINTENANCE AND RUNNING TIPS

- Before starting your generator, always ensure that there is sufficient oil and fuel in the machine. Only use SAE30 graded oil and unleaded petrol (for petrol models) and low sulphur diesel (for diesel models).
- Do not use dirty fuel or oil in your generator.
- Always place your generator on a flat surface when pouring in the oil and fuel.
- If you have an electric start generator, check that your battery is fully charged before starting.
- Ensure that the choke is on when starting your generator, once started, switch the choke to the 'off' position.
- Never connect your appliances before starting your generator, always start your generator first, and then connect one appliance at a time.
- Disconnect your appliances before switching off your generator.
- Switch off the fuel tap prior to turning off your generator, to allow the fuel in the carburettor to be used.
- We recommend that your first service should be after 20 running hours and thereafter at 50 hour intervals.
- Always operate your generator in a well ventilated area, as toxic fumes are emitted from your generator.

SERVICE AGENTS CONTACT DETAILS

OFFICIAL SERVICE AGENTS

Gentech Industries
www.gentechindustries.co.za

CONTACT DETAILS

Unit 9, Barbeque Terrance, Dytchley Road, Kyalami,
Midrand, Johannesburg
Office: 011 4666790
Customer Care - 0861 Genfix (436 349)
Email: customercare@gentechindustries.co.za

WARRANTY PERIOD Private Use: 12 Months Or
500 Running Hours

Commercial Use: 12 Months Or
300 Running Hours

WARRANTY PROCEDURES

1. The customer must return the machine to the retail outlet from where he/she purchased it from.
2. The customer must ensure that he/she has a copy of the proof of purchase.
3. The retailer must contact the Gentech Industries service manager for technical assistance prior to booking in the machine.
4. The retailer must book the machine in and send the proof of purchase together with the store documents to Gentech Industries.
5. Gentech Industries will arrange for either a freight company or a service agent to collect the generator from the retailer.
6. The service agent will assess the machine and revert back to Gentech Industries on whether the repair is a warranty or out of warranty repair.
7. Gentech Industries will advise the retailer on the repair details. The warranty claim is at the sole discretion of Gentech Industries.
8. All warranty repairs will be completed within 14 working days and all costs including transportation will be paid for by Gentech Industries.
9. For all out-of-warranty repairs a quotation will be completed and sent through by Gentech Industries to the respective retailer for confirmation.
10. For all out of warranty repairs please note that such repairs will only be carried out once the quotation has been signed and paid for in full.
11. For all out of warranty repair quotations not accepted a R550.00 (Excl. VAT) fee will be charged excluding transportation. This amount is payable directly to Gentech Industries.
12. Proof of payment for out-of-warranty repairs must be sent through directly to Gentech Industries by the retailer or customer prior to the machine being released.
13. Different warranty procedures for 10KVA and upwards applicable, due to weight, size and installation processes and policies.

POWER MASTER™
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GENERATORS



INVERTER GENERATORS



WATER PUMPS

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