KAPLAN POWER YOUR FUTURE

MANUFACTURING HIGHEST QUALITY GENERATORS

Powered By: BAUDOUIN

Model: KPB 275 | **Engine**: 6M16G275/5E2 | **Controller**: D300

www.kaplanpower.com
info@kaplanpower.com

KAPLAN POWER

Diesel Generator

Model: KPB 275 | **Engine**: 6M16G275/5E2 | **Controller**: D300

2000/14/EC CE ISO 14001:2015

Standby Ratings [ESP]

Thee Phase Rating, 50HZ, PF 0.8, Noise Level 75. dBA

Voltage	KVa	KW
400/230	275.00	220.00

Standard Features

4 Stroke, 1500 RPM, water cooled heavy duty diesel engine
Protection system on Manuel run
Flexible oil pipes and oil draining valve
Pre-heater
Lubrication oil and anti-freeze
Batteries and cables
Electrostatic paint coated, steel, welded chassis
Fuel tank housed in the chassis
Industrial type silencer
Electronic battery charger
Electrical wiring diagram
User manual and operating manual
Automatic working time 10 second

Optional Equipment

Engine
Remote Radiator Cooling
Oil heater
Fuel-Water Separator Filter

Alternator
Main line circuit breaker
Anti-Condensation Heater
Over sized alternator

Control System
Remote communication with modem
Alarm output relays/ Charge Ammeter
Automatic synchronizing

Others Accessories [Optional]

Automatic transfer switch
Remote control and monitoring
Alarm system for fuel level
Trailer
1 Phase - 3 Phase switch plugs
1500/3000 hours maintenance kit
Tool kit for maintenance
Inlet and outlet acoustic baffles
Inlet and outlet motorized louvers
Main Fuel Tank
Supplied with oil and coolant - 30 °C

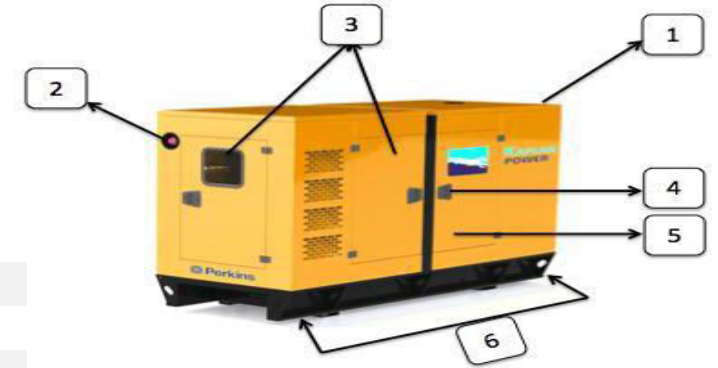| Stand By Power	Supplying of emergency electrical power at variable load, in the event of normal utility power failure. This rating is maximum power, no overload capability is available.	Prime Power	Supplying of electrical power at variable load for an unlimited number of hours in the event of normal utility power failure. 10% over load capability is available.

Diesel Generator

Model: KPB 275 | **Engine:** 6M16G275/5E2 | **Controller:** D300

Diesel Engine Specifications

Manufacturer	**BAUDOUIN**
Model	**6M16G275/5E2**
No. of Cylinders & Build	**06 Cylinder, In Line**
Aspiration and Cooling	**TURBO CHARGED**
Maximum Standby Power	**247 Kw**
Total Displacement	**9.72 L**
Bore & Stroke	**126x130 mm**
Compression Ratio	**16:01:00**
Rated Speed [RPM]	**1500 rpm**
Governor	**Electronic**
Oil Capacity	**20 L**
Coolant Capacity	**50 L**
Start System	**24 V D.c.**
Fuel Consumption	**100% Load**
L/H	**55.4**

Replaceable cylinder jacket
Dry type replaceable oil filter
Heat-resistant radiator for 50 °C

Alternator Specifications

Make	**KAPLAN POWER**
Model	**KPA 275**
Short Circuit Current	**> 300%**
Frequency	**50 Hz**
Power	**275 kVa**
Design	**Brushless, 4 Poles**
Phase	**3P V**
Voltage	**400/230 V**
Current	**396 A**
Insulation Class	**H**
Stator	**2 / 3 steps**
Rotor	**Single Bearing System**
Excitation System	**Electronic AVR**
Stationary Voltage Regulation	**1% (+/-)**
Connection Type	**Star**

4 Poles, Self-Excitation, Brushless, Synchro type alternator
Electronic type automatic voltage regulator (AVR)
Self Cooled

1. **Steel Structures**
2. **Emergency stop bush button**
3. **Control panel o be place both right and front**
4. **Corrosion resistant locks and hinges**
5. **Sound proof foam material**

Introduction

Sound proof authenticated and Weather insulated Enclosures for generating sets from Kaplan, meet event the sound requirements and provide optimum protection from inclement weather and development by our specialist acoustic engineers. Our modular designed sound insulated canopies provide ease of access for servicing and general maintenance and interchangeable components permitting on-site repair. Enclosures are designed to optimize genset cooling performance, providing you with confidence that genset ratings and ambient capability.

Standard Specifications

1. Compact footprint, low profile design.
2. Exhaust system inside canopy
3. Large doors on each side
4. Body made from steel components treated with polyester powder coating
5. Lifting points on the base frame
6. Cooling fan and battery charging alternator fully guarded
7. Kaplan makes its generating sets' noise level tests in accordance with directive 2000/14/EC validation of the noise level

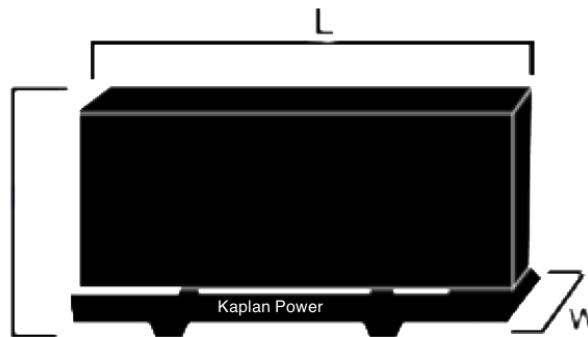| Width	mm	1600
Length	mm	3500
Height	mm	1800
Standard Fuel Tank	L	350

WARNING
Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.
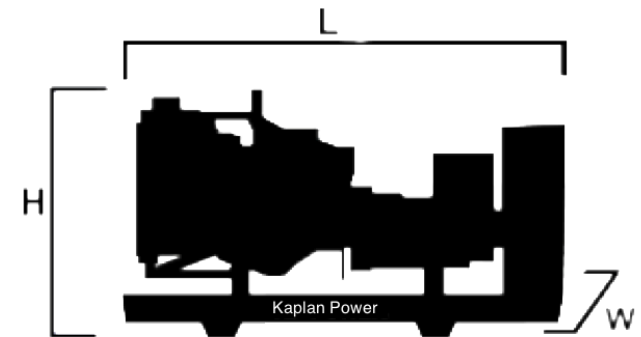www.kaplanpower.com | +90(850)2550307

Dimensions With Canopy
Dimensions & Weight

Length (L)	mm	3500
Height (H)	Mm	1800
Width (W)	Mm	1600
Net Weight	Kg	2950
Standard Fuel Tank	L	350

Dimensions Without Canopy
Dimensions & Weight

Length (L)	mm	3500
Height (H)	Mm	1705
Width (W)	Mm	1600
Net Weight	Kg	2500
Standard Fuel Tank	L	350

Control Panel Features

- Diesel and gas genset support
- 400Hz operation support
- 400 event logs, full snapshot
- All parameters front panel editable
- 3 level configuration password
- 128x64 graphical LCD display
- Downloadable language
- Waveform display of V & I
- Harmonic analysis of V & I
- Synchroscope & check synch
- Allows closed transfers
- 16Amp MCB & GCB outputs
- 8 configurable digital outputs
- Outputs expandable to 40
- 4 configurable analog inputs
- Both CANBUS-J1939 & MPU
- 3 configurable service alarms
- Multiple nominal conditions
- Multiple automatic exerciser

- Weekly operation schedule
- Dual mutual standby with equal aging of gensets
- Manual "speed fine adjust" on selected ECUs
- Automatic fuel pump control
- Disable protections feature
- Excess power protection
- Reverse power protection
- Overload IDMT protection
- Load shedding, dummy load
- Multiple load management
- Current unbalance protection
- Voltage unbalance protection
- Fuel filling & fuel theft alarms
- Battery back-up real time clock
- Idle speed control
- Battery charge run enabled
- Combat mode support

- Contactor & MCB drive
- 4 quadrant power counters
- Mains power counters
- Fuel filling counter
- Fuel consumption counter
- Modem & Ethernet diagnostics
- Configurable through USB,RS-485, Ethernet and GPRS
- Free configuration program
- Allows SMS controls
- Ready for central monitoring Ethernet and GPRS
- Mobile genset support
- Automatic GSM geo-location
- GPS connectivity (USB & RS232)
- Dynamic DNS support
- Easy USB firmware upgrade
- IP65 rating with standard gaske