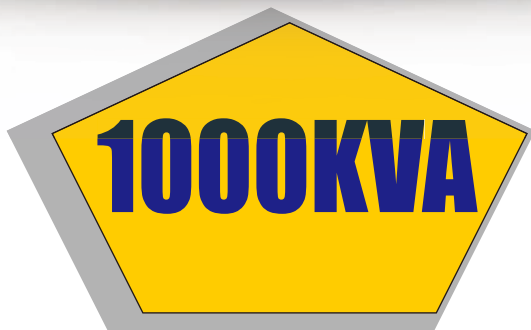


GS1000SD260513



MODEL : PDG-1000SB

**INDUSTRIAL
SERIES**

Powercity

" 30 Years of Generator Experience "

**SOUNDPROOF & WEATHERPROOF
AC DIESEL GENERATORS**



Powercity

" 30 Years of Generator Experience "

MODEL : PDG-1000SD

Powered by:
BAUDOIN ENGINE
MOTEURS
Baudouin



- Compact designed soundproof and weatherproof canopy .
- All canopy parts are designed with modular principles.
- Detachable designed doors provide most accessible formaintenanceand repairs.
- All metal canopy parts are factory rustproof using special powder paint coating.
- Single point lifting eye designed for easy mobilization.
- Transparent glass control panel viewing window.
- Optimized ventilation design provides better generator cooling.
- Provision for external fuel tank for extended operation through fuel intake & return valves.

Premium high performance power

- Four-valve design with sufficient air intake, intermediate injector with full fuel-air mixing and sufficient combustion.
- Mature turbocharger and intercooler technology, ensuring the sufficient and stable air intake of each load, and wide range of economic fuel consumption.
- High injection pressure, good atomization, sufficient combustion, high power density and light weight.
- Compliance with China III emission standard, imported ECU, high-pressure common rail system, and large potential for emission upgrade.
- The cylinder block of netted reinforcement structure, and crankshaft connecting rod of high strength alloy, ensuring high reliability.
- The parts with good versatility, high degree of serialization, one-cylinder and one-cover structure, and low comprehensive maintenance costs.



- Over-rated, brushless, rotating exciter with solid state AVR.
- Class H winding insulations provide high temperature resistance.
- Standard degree of protection IP21.
- Self exciting and self regulating.
- Factory impregnated epoxy varnished.
- Heavy duty steel frame cast-iron cover.
- Stator grease insulation covered.
- Flywheel location cooling fan.

- The PLC Generator set controller uses micro-processing intelligent and network technique which can carry out precision measure, constant value adjustment, timing and threshold setting and etc. of multiple digital parameters.
- Carry out functions including automatic start/stop, data measure, alarms indicates service affecting faults, and compatible with most standard ATS.
- Uses LCD display, optional Chinese and English display with easy operation, reliable and durable.
- Parameters can be set in site or in monitor center & can not lose even power off.
- Easy to replace with a plug-in type socket at the back of the control module and low cost to the end user.
- Automatic shutdown on fault conditions such us high temp, low oil pressure, over & under speed (RPM), over load & low fuel stock level.
- Another set of analog gauges for engine status monitoring including un-resetable run hours gauges to prevent tampering.



SPECIFICATIONS

MODEL	PDG-1000SB
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• ALTERNATOR

Make & Model	Powercity KT64D		
Frequency	Hz	50	60
Output Rating (kVA/kW)	Continuous	900/720	900/720
	Prime	1000/800	1000/800
	Standby	1100/880	1100/880
No. of Phases	3-Phase (4 Wires)		
Rated Voltage	V	200~240/380~480V	
Power Factor	0.8 (Lagging)		
Voltage Regulation	%	Within +/- 1.5	
Excitation	Brushless, Rotating Exciter (with A.V.R.)		
Insulation	Class H		

• ENGINE

Make & Model	BAUDOIN 12M26G900/6		
Type	V type, Water-cooled, 4-Stroke, Common rail injection, Turbo-charged, Air to air intercooled		
Output Rating	Kw/rpm	860/1500	867/1800
No. of Cylinders-Bore x Stroke	mm	12-150x150	
Piston Displacement	L	31.8	
Fuel	ASTM No.2 Diesel Fuel or Equivalent		
Fuel Consumption @100% load	L/h	224	225
Lube Oil Capacity	L	109	
Coolant Capacity	L	154	
Battery Capacity	V-Ah	12V-150Ah (4pcs)	
Fuel Tank Capacity	L	External Fuel Tank 3000L	

• UNIT

Dimensions	Length mm	5600 (air exhaust forward w/o ducting)	
	Width mm	2200	
	Height mm	2450	
Dry Weight	kg	10000	

• SOUND LEVEL

dB @ 7m	75	77
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(Specifications are subject to change without prior notice.)



Manufactured by:

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+63-2-8-869-3869

contactus@powercity.ph

www.powercity.ph or www.powercity.com.cn

STANDBY: Continuous running at variable load for duration of an emergency. No overload is permitted on these ratings.

PRIME: Continuous running at variable load for unlimited periods with 10% overload available for 1 hour in any 12 hour period.

About Powercity



Powercity Corporation was established in 1993. It engaged in the selling, leasing, and distribution of diesel- and gasoline powered generators as well as electrical supplies.

The company was conceived by a man who has more than two decades of experience in the operation, maintenance, and service of engine-driven power generators made by leading brands in the market. These decades of field experience have resulted in the high-level of generator expertise needed to produce safe, user-friendly, cost-efficient, and dependable generators.



It started its business growth by providing generator repair and maintenance services in cell sites of a local mobile operator Smart Communications in 1996. Because of the company's outstanding performance Powercity gained recognition from Smart Communications and also gained opportunity from its rival Globe Telecom in the year 2000.

In 2002, the company established its own diesel generator manufacturing plant in China known as Powercity Electromechanical and Equipment Co. Ltd. The latter, investing in research, development and manufacture of Powercity generators, load banks, automatic transfer switches (ATS), electrical conduits, accessories, unistrut channel, clamps and dc fan ventilation. At present, Powercity delivers its products to the Middle East, Africa, Australia, and Southeast Asia including Philippines.



As the company maintained its good business relationship and reputation with Smart and Globe Telecom, Powercity gained another opportunity in Sun Cellular in 2005 in terms of sales and after sales service of Powercity generators.

POWERCITY CORPORATION has been serving other customers for the supply, installation and maintenance of generators and relevant products for the Philippine clients such as Luzon Hydro Corporation, Alcatel Philippines, Nextel Communications, Northern Telecoms, Lucent Technologies, Hutama Skyway Project and more.

Today, POWERCITY CORPORATION diversifies into marine engines, renewable energy and telecommunication products to bring an options to its potential customers

Worldwide presence...

LEGEND:

Customer

