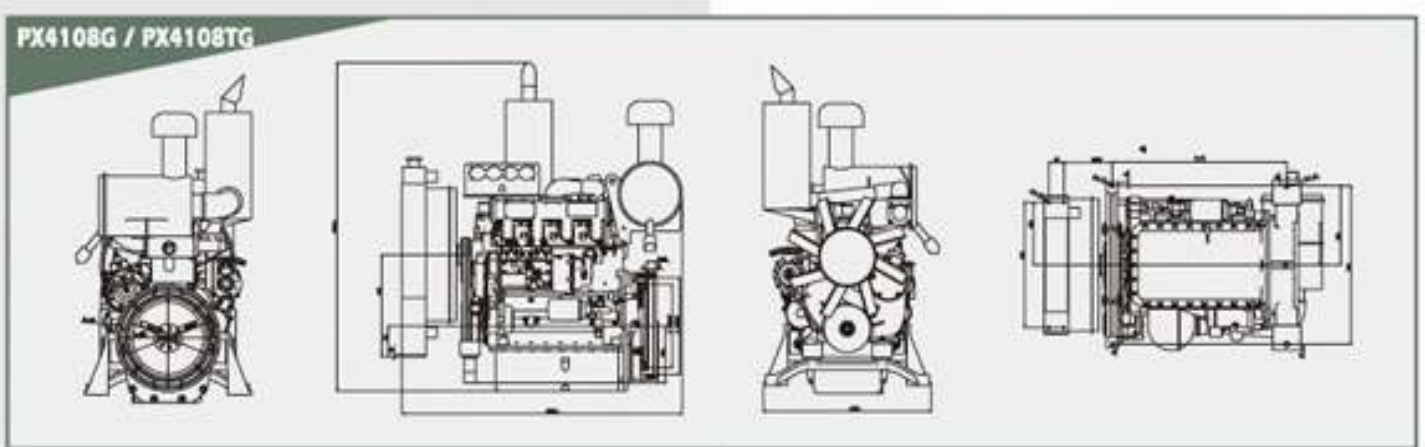
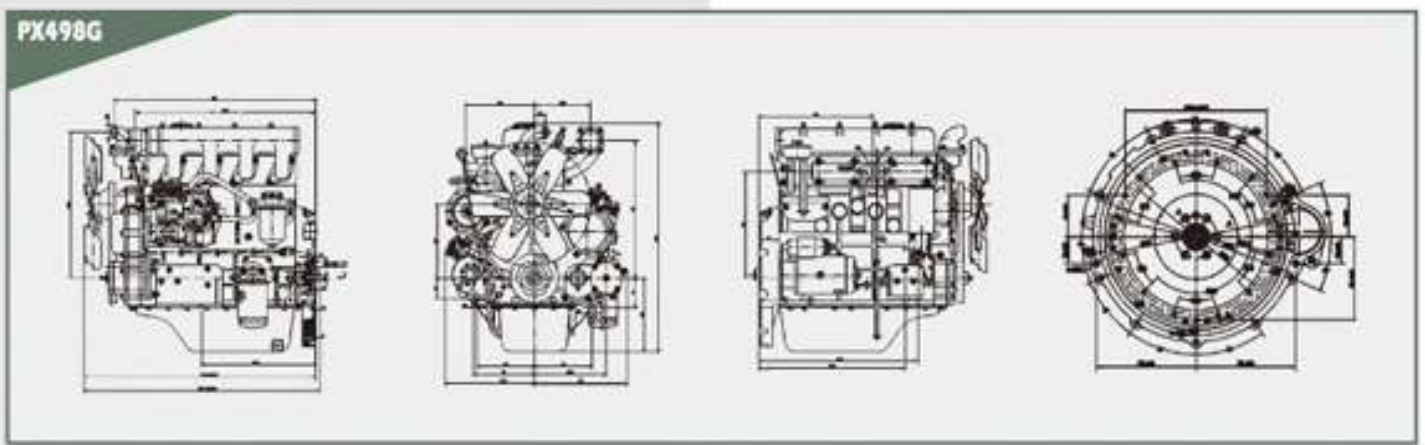
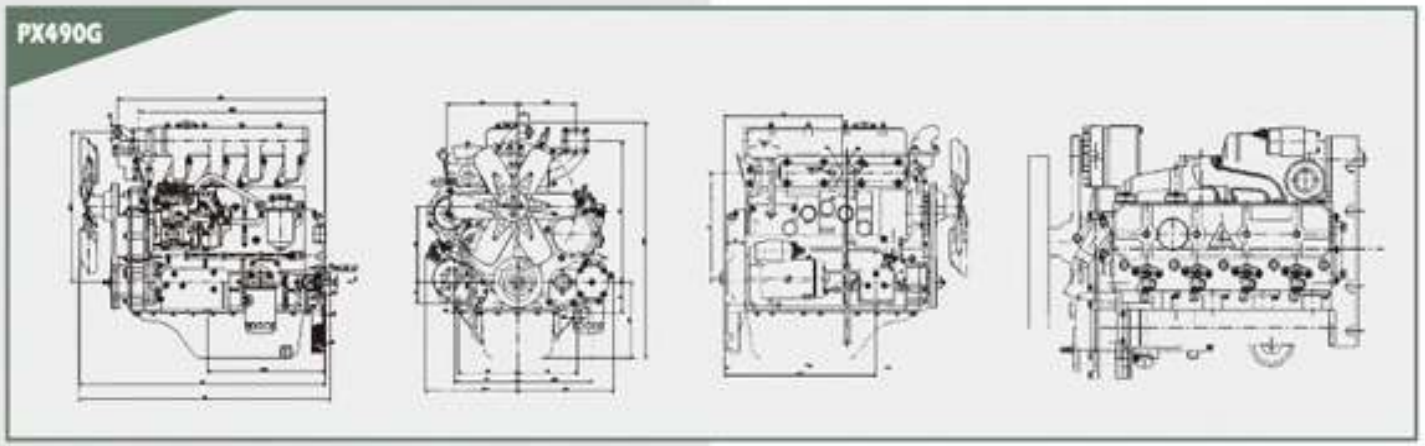
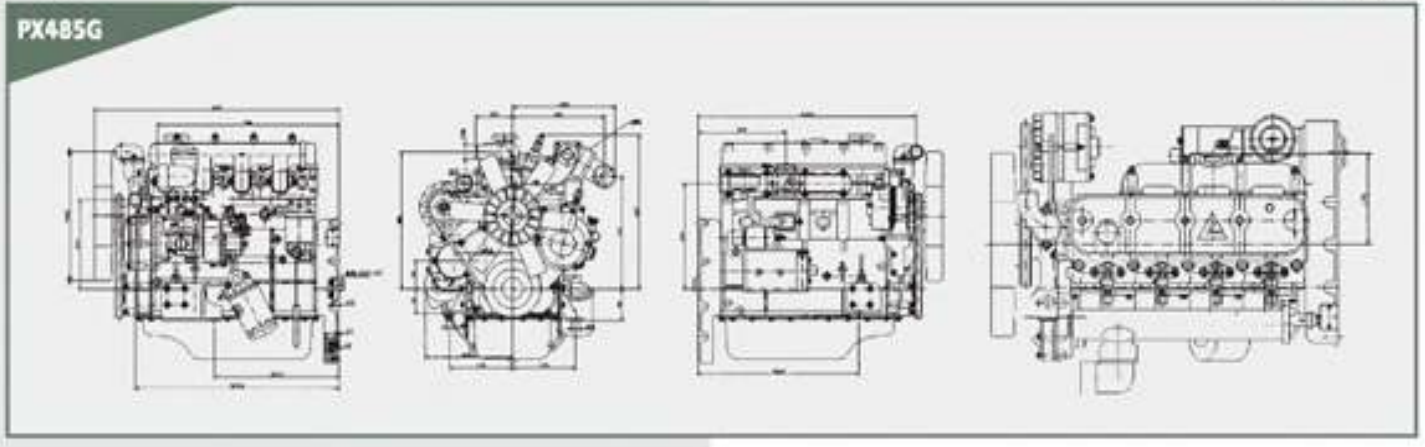


Specifications

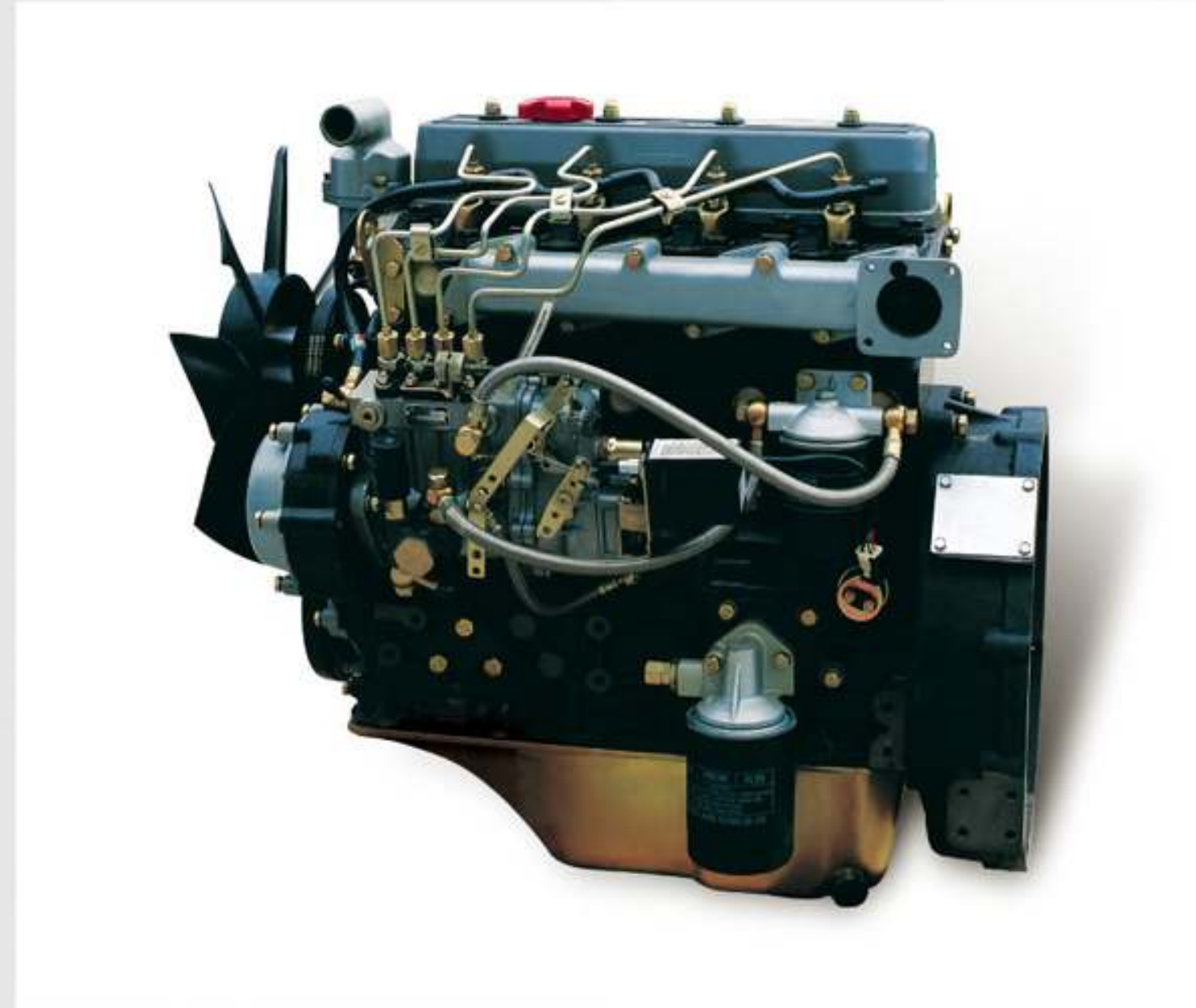
Unit: mm(in)



NO: PX1313005-01

**YOUR PARTNER
FOR POWER**

POWERLINK DIESEL ENGINE



PX485G / PX490G / PX498G / PX4108G / PX4108TG

As an outstanding diesel engine manufacturer, Powerlink provides you superb diesel engines featured by high reliability, more efficient fuel utilization, lower noise level, cleaner exhaust and more convenient operation.

Powerlink's innovative combustion system is designed to be more reliable, efficient, green, and convenient than conventional models in the same class.

Your generators need superb diesel engine. Powerlink is your beset choice.

50Hz(1500rpm)

Engine Model	Allowable Engine kW for Stand-by power generator	
	Prime Power	Standby Power
PX485G	14.5kW	16.1kW
PX490G	16.6kW	18.4kW
PX498G	24.8kW	27.6kW
PX4108G	51kW	57kW
PX4108TG	56kW	62kW

60Hz(1800rpm)

Engine Model	Allowable Engine kW for Stand-by power generator	
	Prime Power	Standby Power
PX485G	18.6kW	20.7kW
PX490G	20.7kW	23kW
PX498G	29kW	32.2kW
PX4108G	54.9kW	61kW
PX4108TG	59kW	66kW

Main features:

High Reliability

Adoption of imported main parts and recognized brands parts promise the high reliability of Powerlink diesel engines. The engines have perfect output capacity of constant speed and constant power, and have good overload capacity.

More Efficient Fuel Utilization

Powerlink's innovative combustion system, optimized design and edge-cutting technologies lead to more efficient fuel utilization. The combustion system utilizes Germany Bosch's P Series inject and VE pump. It is featured by stable idle speed, low noise and low smoke.

Lower Noise Level

Noise levels are held to an unprecedented low level thanks to Powerlink innovative combustion system and state-of-the-art design, such as standard built-in steel strut, and the increased rigidity of the crank and gear cases.

Cleaner Exhaust

Manufacturing green engines has been what Powerlink continuously working on. Powerlink diesel engines meet European Emission Standard II.

More Convenient Operation

Powerlink diesel engines adopt modular design eliminating hugeness and clumsiness of conventional diesel engine. Innovative design leads to more compactness and more convenient operation. Pre-set output ends and remote control ports creates convenience for a free-duty control system.

PX485G

Powerlink PX485G series engines are featured by cost-effectiveness, fuel efficiency and reliable performance. They adopt fast and reliable ignition utilizing direct injection. 100mm stroke enables the engines bear heavier load.

PX490G

Powerlink PX490G series engines adopt high-grade injectors and VE pump, featured by stable idle speed and low noise. The main parts such as motors and generators are all imported or recognized brands, which ensures engine reliability. PTO is provided.

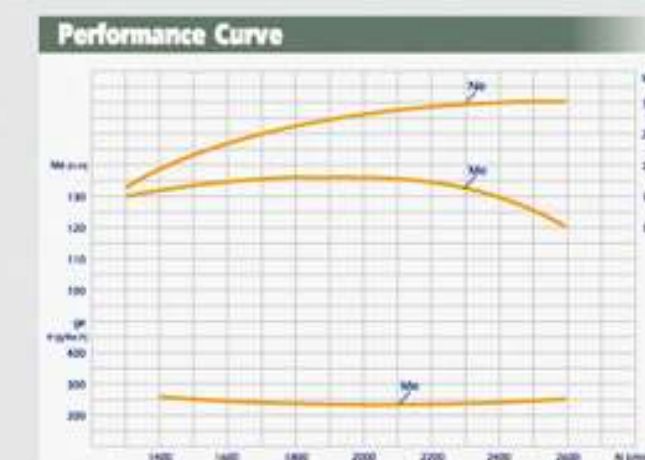
PX498G

Powerlink PX498G series engines are designed to be more fuel efficient and more reliable. Chrome cylinder liner and porcelain-processing piston rings are adopted to enable good wearability. Excellent key parts, such as generator, motor and components in fuel system ensure high performance and reliability.

PX4108G / PX4108TG

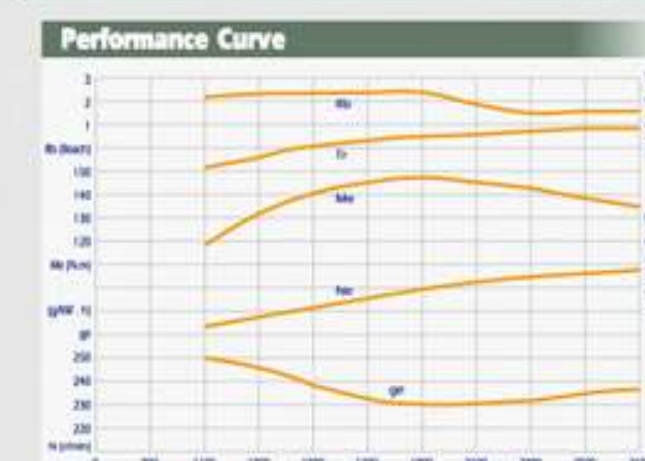
Powerlink PX4108G/4108TG series engines are the smallest size while largest displacement engines among the same products in China. The engines adopt multiple spheres of cylinder block, wet-type sleeves and lower supports, oil cooling piston technology and unit high strength head with low vortex air intake.

PX485G



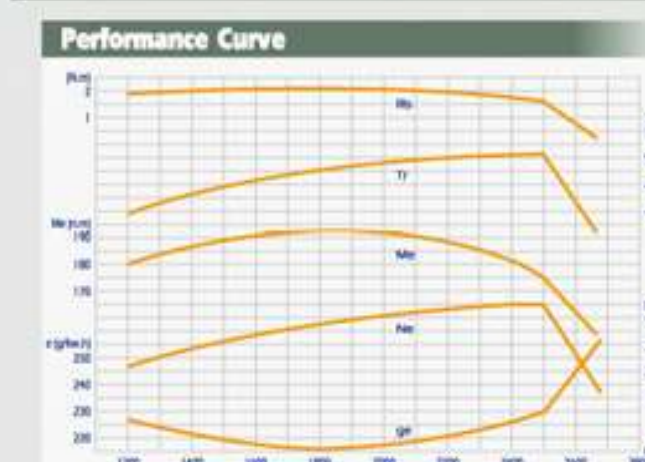
Technical Data Engine Model	PX485G
Number of cylinder x stroke	4-85 x 100
Type	In-line water cooled 4 stroke
Type of combustion chamber	DI
Displacement	2.27
Compression ratio	18.01
Rated output/rated speed	50Hz Prime Power 14.5/1500
	Standby Power 16.1/1500
Max torque/speed	60Hz Prime Power 18.6/1800
	Standby Power 20.7/1800
Min specific fuel consumption at full load curve	≤ 244
Engine idle speed	750 ± 30
Max smoke at full load curve	≤ 4.5
Exhaust temp	≤ 550
Net weight	≤ 220
Length x Width x Height	709 x 560 x 636

PX490G



Technical Data Engine Model	PX490G
Number of cylinder x stroke	4-90 x 105
Type	In-line water cooled 4 stroke
Type of combustion chamber	DI
Displacement	2.67
Compression ratio	18.4-01.00
Rated output/rated speed	50Hz Prime Power 16.6/1500
	Standby Power 18.4/1500
Max torque/speed	60Hz Prime Power 20.7/1800
	Standby Power 20.7/1800
Min specific fuel consumption at full load curve	≤ 228
Engine idle speed	800-1000
Max smoke at full load curve	≤ 3.0
Emission level	Tier IV
Exhaust temp	≤ 550
Net weight	≤ 250
Length x Width x Height	696 x 541 x 690

PX498G



Technical Data Engine Model	PX498G
Number of cylinder x stroke	4-98 x 105
Type	In-line water cooled 4 stroke
Type of combustion chamber	DI
Displacement	3.168
Compression ratio	18.5:1
Rated output/rated speed	50Hz Prime Power 24.8/1500
	Standby Power 27.6/1500
Max torque/speed	60Hz Prime Power 29/1800
	Standby Power 32.2/1800
Min specific fuel consumption at full load curve	≤ 225
Engine idle speed	1000 ± 30
Max smoke at full load curve	≤ 3.0
Emission level	Tier III
Exhaust temp	≤ 550
Net weight	≤ 260
Length x Width x Height	696 x 541 x 700.5

PX4108G / PX4108TG

model	PX4108G
type	In-line, Direct injection, Water-Cooling, Four stroke
Aspiration	NA
Displacement(L)	4.58
kW/rpm	50Hz Prime Power 51/1500
	Standby Power 57/1500
g/kWh	60Hz Prime Power 56/1800
	Standby Power 62/1800
Governing	205
rpm	≤ 5%
Suitable	≤ 800
	50

model	PX4108TG
type	In-line, Direct injection, Water-Cooling, Four stroke
Aspiration	T
Displacement(L)	4.58
kW/rpm	50Hz Prime Power 55/1500
	Standby Power 61/1500
g/kWh	60Hz Prime Power 59/1800
	Standby Power 66/1800
Governing	205
rpm	≤ 5%
Suitable	≤ 800
	60



PX485G



PX490G



PX498G



PX4108G/PX4108TG