

X-SERIES INDUSTRIAL RANGE

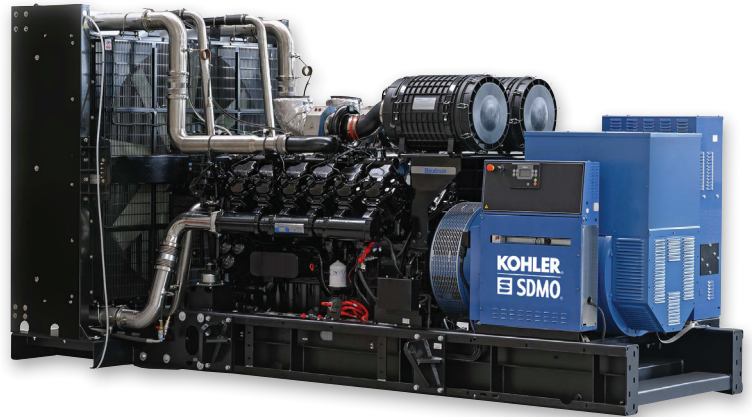
OPTIMIZED FOR STANDBY APPLICATIONS



The KOHLER® X-SERIES generators provides the optimized solution for **for industry, commercial and public buildings, hotels...** , with all best selling features packaged together. The **easy and quick-to-install** product meets requirements for good value for money and reliability.

The generating sets are powered by robust and traditional engines and offer **short lead-times along with easy installation and maintenance.** The range is made up of 6 power nodes **from 900 kVA up to 1500 kVA** available in open or soundproofed versions to minimize sound levels and protect the product from environmental damage.

Our engineering design offices have been working together over the last 2 years to **optimize the performance** of the generating sets and **test their reliability in our laboratory.**



BENEFITS

RELIABLE BACK-UP PRODUCT

The KOHLER® X-SERIES range of generating sets is based on robust and proven technology. It delivers high performance, with a low fuel consumption level and a cooling system designed to perform even in high temperature environments. They can be installed quickly wherever you need power.

OPTIMIZED PACKAGE

The conception of the range and the preconfigured equipments have been designed to allow you to benefit from the best value for money and to optimize your investment.

SHORT LEAD-TIME

These generating sets are configured products available in stock, ready to ship and offering short lead-times.

KOHLER STANDARD OF QUALITY

This X-SERIES range is aligned with the high quality standards that Kohler requires in the manufacture of its generating sets.

KOHLER SERVICE LEVEL

With numerous direct service locations and 800+ distributors worldwide, Kohler customers have the assurance of 24/7 emergency service and responsive after-market support.

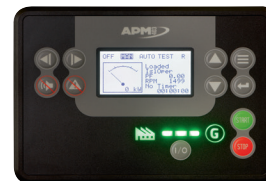
Rest assured, KOHLER® genuine parts are built specifically for your industrial generator and will be available when you need them.

And you will be perfectly at ease in operating your plant thanks to qualifying training provided by our experts on your site or in one of our 5 training centers around the world

KOHLER®
IN POWER. SINCE 1920.

FROM 900 to 1500 KVA

50 HZ



FEATURES

Air system

- Standard air filters

Fuel system

- Electronic control device and mechanical injection

Cooling system

- Water-cooled DIESEL engine
- Engines and cooling are able to manage power up to 50°C
- Mechanical driven fan radiator

Fuel and lubrication system

- Baseframe fuel tank
- Primary fuel filter
- Luboil drainage pump

Starting system

- Lead batteries, with carrier and cables: 24 VDC
- Electric starter & 24 VDC charging alternator
- Preheating kit

Controller

- APM403 control/command

Configuration

- Solo mode or paralleling mode

Power connection

- 4-pole circuit breakers

Soundproofed versions

- Available in M427 enclosure from 900 to 1100 kVA
- Available in 20-ft container from 1250 to 1500 kVA

Generating sets		B900	B1000	B1100	B1250	B1400	B1500	
kVA Cos phi 0.8 ⁽¹⁾	PRP ⁽²⁾	800	909	1023	1136	1273	1375	
	ESP ⁽³⁾	900	1000	1125	1250	1400	1513	
Cons. 3/4 at PRP	(L/h)	127	139	153	154	187	TBC ⁽⁷⁾	
Engine	Engine type	12M26G/5	12M26G/5	12M26G/5	12M33G/5	12M33G/5	12M33G/5	
	CC (qty and configuration)	12 V	12 V	12 V	12 V	12 V	12 V	
	Total cubic capacity (L)	31.81	31.81	31.81	39.23	39.23	39.23	
Open version ⁽⁴⁾	Dimensions	L (m)	4.42	4.42	4.42	4.80	4.75	
		W (m)	1.74	1.74	1.74	2.19	2.19	2.20
		H (m)	2.38	2.38	2.38	2.45	2.45	2.48
	Weight (kg) ⁽⁵⁾	7470	7700	7880	8850	9120	9430	
Enclosure	M427SI	dB(A) at 7 m ⁽⁶⁾	77	77	77	-	-	-
		Weight (kg) ⁽⁵⁾	9700	9900	10100	-	-	-
Container	ISO20 SI	dB(A) at 7 m ⁽⁶⁾	-	-	-	82	82	84

(1) ISO 8528: power expressed in accordance with the legislation in force

(2) PRP: prime power available continuously with variable load for an unlimited time in accordance with ISO 8528-1. An overload capacity of 10% is available for one hour every twelve hours.

(3) ESP: standby power available for emergency use under variable load, in accordance with ISO 8528-1, no overload available under this service

(4) The dimensions and weights apply to a generating set specified in the price list, without options

(5) Dry weight without fuel

(6) at ¾ load

(7) To be confirmed

KOHLER® offers 4 additional models for sites with a very high ambient temperature: B900-50C, B1000-50C, B1250-50C and B1400-50C. Their optimized design means these generating sets can deliver their full PRP⁽²⁾ output at ambient temperatures of 50°C.