



INDUSTRIAL DIESEL GENERATOR

KS-50

Specifications

ENGINE	
Manufacturer	Kohler
Engine Model	KDI2504TCR
EPA Certification	Tier 4 Final
Rated	1800 RPM
Nominal Power (PRIME)	50KVA / 40KW
Nominal Power (STANDBY)	55KVA / 44KW
Engine Type	Diesel 4 Stroke
Injection Type	Direct Injection
Cylinders / FIE	4 / Turbo Common Rail
Bore	88mm
Stroke	102mm
Displacement	2.5L
Cooling System	Liquid Cooled
Valves Per Cylinder	4
PTO	#2 PTO— 17mm Fan Belt
COOLING SYSTEM	
Radiator Coolant Capacity	6.5L
Fan Type	450mm Pusher
EXHAUST SYSTEM	
Emissions Management	EGR + DOC
LUBRICATION SYSTEM	
Oil Filter Type	Cartridge
Oil Capacity	11.2L
Oil Consumption @ Full Load	<0.1%
Recommended Oil	5W-40 CJ-4
Oil/Filter Service Intervals	500HR—STD / 750HR—SYN

Polar Industrial Services Ltd.—2122 84 Ave, Edmonton AB, T6P 1K2
780-417-1190—www.polarind.ca—sales@polarind.ca



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ELECTRICAL SYSTEM

Volts (DC)	12V
Alternator Rating	80 Amp
Starter Rating	2.2KW
Min. Cold Cranking Amps	110 Amp

FUEL SYSTEM

Recommended Fuel	#2 Diesel
Fuel Pump Type	Engine Driven
Injection Type	High Pressure Common Rail
Filter Type	Fuel/Water Separator
Fuel Tank Capacity	230L
Fuel Consumption –100% Load	10.1L/HR
Run Time—100% Load	23HRs

ALTERNATOR

Manufacturer	Stamford
Model	S1L2-R41
Alternator Type	4 Pole, Rotating Field
Exciter Type	Brushless, Self Exciting
Leads	12, Reconnectable
Insulation System	Class H

DIMENSIONS

Length	66"
Width	38"
Height	44"
Weight	1600LBS

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ADDITIONAL FEATURES

Control Panel	Dynagen TE410 Auto Start Controller
Block Heater	375W Lower Radiator Hose Heater
Battery Disconnect	Locking Battery Disconnect
Oil Drain	EZ Oil Drain Valve
Battery	Interstate MTP-24 with Battery Box
Serviceability	All Filters & Dipstick in Central Location

Shop tested under load before delivery, filled with high quality Mobil Lubricants

Warranty: 1 year/2000hrs

Engine Warranty: 3 year/2000hrs (6000hrs – Major Components)

KOHLER
IN POWER. SINCE 1920.

Authorized Distributor

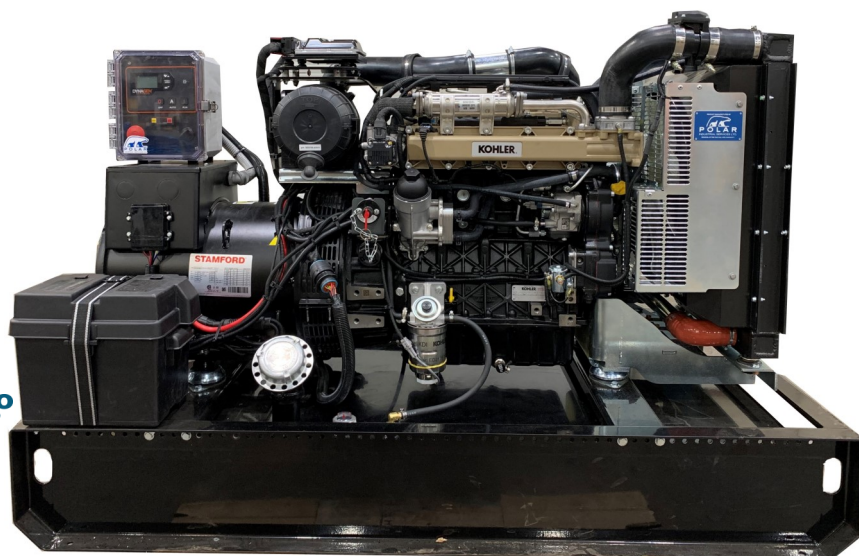
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