



OUTPUT

Voltage	50Hz	
	kVA	kW
400/230	250	200

Ambient reference conditions: Rating according to ISO 8528: +25°C, 100 ASL, 30% relative humidity.

Power lost according to DIN ISO 3046: Starting from 100m, 1% lost with each 100m increment. Starting from 25°C (77°F), 4% power lost with each 10°C (50°F) increment $\cos \phi = 0.8$

Prime: These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation. 10% overload power can be supplied for one hour in 12.

DIMENSIONS

Length	mm (in)	3800 (150)
Width	mm (in)	1400 (55)
Height	mm (in)	2435 (98.8)

WEIGHTS

Shipping volume	m ³ (ft ³)	7.89 (278.6)
Dry weight	kg (lb)	3820 (8421.6)

SOUND POWER LEVEL

Sound power level of generator	Lwa	97
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ENGINE

		50Hz
Rated output	kW	247
Make		Scania
Model		DC9 65A
Injection type		Direct
Aspiration		Turbo aftercooled
Number of cylinders		5
Bore and Stroke	mm	127x140
Displacement	l	8.87
Cooling		Water
Lube oil specification		ACEA E3-96
Oil consumption	l/h	<0.3%
Compression		17.5:1
Governing		Electronic
Engine speed	rpm	1500

STARTING SYSTEM

Starter motor output	kW	5.5
Starter motor output	CV	7.48
Battery capacity	Ah	2x50
Voltage	vDC	24

AIR REQUIREMENT

Air requirement for combustion @ 100% load	m³/h	1076
Air requirement for combustion @ 100% load	kg/h	21

ALTERNATOR

Make		Newage-Stamford
Model		UCI 274 I
Insulation		Class H
Pole		4
AVR		SX460

FUEL TANK CAPACITY

G250RX	l (gal)	995 (218.8)
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FUEL CONSUMPTION @ 100% LOAD

Prime	l/h	51.5
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EXHAUST SYSTEM

		50Hz
Maximum exhaust temperature	°C	442
Maximum exhaust temperature	°F	827.6
Exhaust gas flow	kg/min	21
Heat rejection	kW/1FN	152
Maximum back pressure	kPa (mbar)	9.81 (98.1)

