



JCB RENTAL GENERATORS | G60RX/G80RX/G100RX



OUTPUT

Voltage	50Hz					
	G60RX		G80RX		G100RX	
	kVA	kW	kVA	kW	kVA	kW
400/230	60	48	80	64	100	80

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

		G60RX/G80RX/G100RX
Length	mm (in)	2810 (110.6)
Width	mm (in)	1150 (45.2)
Height	mm (in)	1780 (70)

WEIGHTS

		G60RX	G80RX	G100RX
Shipping volume	m ³ (ft ³)	5.75 (203)	5.75 (203)	5.75 (203)
Dry weight	kg (lb)	1780 (3924.2)	1780 (3924.2)	1800 (3968.3)

SOUND POWER LEVEL

		G60RX	G80RX	G100RX
Sound power level of generator	Lwa	94	94	96



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ENGINE

		G60RX	G80RX	G100RX
Rated output	kW	62	81	110
Make		JCB	JCB	JCB
Model		Dieselmax	Dieselmax	Dieselmax
Injection type		Direct	Direct	Direct
Aspiration		Turbo	Turbo	Turbo Aftercooled
Number of cylinders		4	4	4
Bore and Stroke	mm	103x132	103x132	103x132
Displacement	l	4399	4399	4399
Cooling		Water	Water	Water
Lube oil specification		CH4	CH4	CH4
Oil consumption	l/h	<0.1%	<0.1%	<0.1%
Compression		17.5:1	17.5:1	17.5:1
Maximum oil capacity	l	14	14	14
Governing		Mechanical	Mechanical	Mechanical
Engine speed	rpm	1500	1500	1500

STARTING SYSTEM

		G60RX	G80RX	G100RX
Starter motor output	kW	3	3	3
Starter motor output	CV	4.08	4.08	4.08
Battery capacity	Ah	1x145	1x145	1x145
Voltage	vDC	12	12	12

AIR REQUIREMENT

		G60RX	G80RX	G100RX
For combustion @ 100% Load	kg/h	367	367	506

ALTERNATOR

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

FUEL TANK CAPACITY

G60RX/G80RX/G100RX	l (gal)	285 (62.6)
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FUEL CONSUMPTION @ 100% LOAD

		G60RX	G80RX	G100RX
Prime 50Hz	l/h	14.1	18.7	24.1

EXHAUST SYSTEM

		G60RX	G80RX	G100RX
Maximum exhaust temperature	°C	542	542	529
Maximum exhaust temperature	°F	1007.6	1007.6	984.2
Exhaust gas flow	Kcal/kwh	367	367	530
Maximum back pressure	mbar	100	100	100



JCB Power Products Limited, Rocester, Staffordshire ST14 5JP. Tel: +44 (0)1889 590312. www.jcb.com

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