



OUTPUT

Voltage	50Hz					
	G20RX		G30RX		G40RX	
	kVA	kW	kVA	kW	kVA	kW
400/230	20	16	30	24	40	32

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

		G20RX/G30RX/G40RX	
Length	mm (in)	2250 (88.5)	
Width	mm (in)	1100 (43.3)	
Height	mm (in)	1348 (53)	

WEIGHTS

		G20RX	G30RX	G40RX
Shipping volume	m ³ (ft ³)	3.33 (117.5)	3.33 (117.5)	3.33 (117.5)
Dry weight	kg (lb)	975 (2149.5)	1130 (2491.2)	1140 (2513.2)

SOUND POWER LEVEL

		G20RX	G30RX	G40RX
Sound power level of generator	Lwa	80	87	87



ENGINE

		G20RX	G30RX	G40RX
Rated output	kW	21	34	41.4
Make		Yanmar	Yanmar	Yanmar
Model		4TNV 84T GGE	4TNV 98 GGE	4TNV 98T GGE
Injection type		Direct	Direct	Direct
Aspiration		Turbo	Natural	Turbo
Number of cylinders		4	4	4
Bore and Stroke	mm	84x90	98x110	98x110
Displacement	l	1.9	3.3	3.3
Cooling		Water	Water	Water
Lube oil specification		ACEA E3-5	ACEA E3-5	ACEA E3-5
Oil consumption	l/h	<0.12%	<0.15%	<0.15%
Compression		18:09	18:05	18:01
Maximum oil capacity	l	7.4	10.5	10.5
Minimum oil capacity	l	3.4	4.5	4.5
Governing		Mechanical	Mechanical	Mechanical
Engine speed	rpm	1500	1500	1500

STARTING SYSTEM

		G20RX	G30RX	G40RX
Starter motor output	kW	1.4	2.3	1.4
Starter motor output	CV	1.9	3.12	1.9
Battery capacity	Ah	1x92	1x92	1x92
Voltage	vDC	12	12	12

AIR REQUIREMENT

		G20RX	G30RX	G40RX
For combustion @ 100% Load	m ³ /hr	2.33	2.69	3.88
For combustion @ 100% Load	ft ³ /hr	82.28	94.99	137.02

ALTERNATOR

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

FUEL TANK CAPACITY

G20RX G30RX G40RX	l (gal)	100 (21.9)
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FUEL CONSUMPTION @ 100% LOAD

		G20RX	G30RX	G40RX
Prime 50Hz	l/h	5.6	8.9	10.2

EXHAUST SYSTEM

		G20RX	G30RX	G40RX
Maximum exhaust temperature	°C	450	550	480
Maximum exhaust temperature	°F	842	1022	896
Exhaust gas flow	kg/h	5.23	8.5	10.42
Maximum back pressure	mm/H ₂ O	390.32	770.25	1207.05

