



### OUTPUT

Voltage	50Hz				60Hz			
	Prime		Standby		Prime		Standby	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW
400/230	12.3	9.8	13.3	10.7				
480/277					15	12	16.5	13.2

**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.

**Standby:** These ratings are applicable for supplying continuous electrical power (at variable load) in the event of the utility power failure. No overload is permitted.

\* Other voltages are available: 415/240, 380/220, 220/127, 440/254, 208/120.

### DIMENSIONS

		Open	Canopy
Length	mm (in)	1320 (51.9)	1470 (57.8)
Width	mm (in)	600 (23.6)	750 (29.5)
Height	mm (in)	1110 (43.7)	1110 (43.7)

### WEIGHTS

		Open	Canopy
Shipping volume	m <sup>3</sup> (ft <sup>3</sup> )	0.9 (31.56)	1.22 (43.25)
Dry weight	kg (lb)	362 (796)	666 (1465)

All weights and dimensions are subject to variation, dependent upon customer specification.

### SOUND POWER LEVEL

		Canopy
Sound power level of generator	L <sub>wa</sub>	84



## JCB GENERATORS | G13QX / G13X

### ENGINE

		50Hz	60Hz
Rated output	kW	13.2	16.2
Make		Yanmar	
Model		3TNV 88 GGE	
Injection type		Direct	
Aspiration		Natural	
Number of cylinders		3	
Bore and Stroke	mm	88x90	
Displacement	l	1.6	
Cooling		Water	
Lube oil specification		ACEA E3-5	
Oil consumption	l/h	<0.1%	
Compression		19:01	
Maximum oil capacity	l	6.7	
Minimum oil capacity	l	2.8	
Governing		Mechanical	
Engine speed	rpm	1500	1800

### STARTING SYSTEM

Starter motor output	kW	1.2
Starter motor output	CV	1.63
Battery capacity	Ah	1x66
Voltage	vDC	12

### AIR REQUIREMENT

		50Hz	60Hz
Air requirement for combustion @ 100% load	m <sup>3</sup> /min	1.33	1.33
Air requirement for combustion @ 100% load	ft <sup>3</sup> /min	46.96	46.96

### ALTERNATOR

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

### FUEL TANK CAPACITY

Open generator	l (gal)	65 (14.2)
Canopy generator	l (gal)	23 (5)

### FUEL CONSUMPTION @ 100% LOAD

		50Hz	60Hz
Prime	l/hr	3.5	4.6
Standby	l/hr	3.9	5.1

### EXHAUST SYSTEM

		50Hz	60Hz
Maximum exhaust temperature	°C	450	450
Maximum exhaust temperature	°F	842	842
Exhaust gas flow	kg/h	3.06	3.06
Maximum back pressure	mm/H <sub>2</sub> O	199.81	199.81



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