



### OUTPUT

Voltage	50Hz				60Hz			
	Prime		Standby		Prime		Standby	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW
400/230	60	48	66	52.8				
480/277					75	60	80	64

**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)	2150 (84.6)	2751 (108.3)
Width	mm (in)	780 (30.7)	1100 (43.3)
Height	mm (in)	1492 (58.7)	1650 (64.9)

### WEIGHTS

		Open	Canopy
Shipping volume	m <sup>3</sup> (ft <sup>3</sup> )	2.11 (74.55)	4.53 (159.76)
Dry weight	kg (lb)	1110 (2447)	1630 (3593)

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

### SOUND POWER LEVEL

		Canopy
Sound power level of generator	Lwa	94



## ENGINE

		50Hz	60Hz
Rated output	kW	62	75
Make		JCB	
Model		Dieselmax	
Injection type		Direct	
Aspiration		Turbocharged	
Number of cylinders		4	
Bore and Stroke	mm	103x132	
Displacement	cm <sup>3</sup>	4399	
Cooling		Water	
Lube oil specification		CH4	
Oil consumption	l/h	<0.1%	
Compression		17.5:1	
Maximum oil capacity	l	14	
Governing		Mechanical	
Engine speed	rpm	1500	1800

## STARTING SYSTEM

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

## AIR REQUIREMENT

		50Hz	60Hz
Air requirement for combustion @ 100% load	kg/h	367	410

## ALTERNATOR

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

## FUEL TANK CAPACITY

Open generator	l	150
Canopy generator	l	165

## FUEL CONSUMPTION @ 100% LOAD

		50Hz	60Hz
Prime	l/hr	14.1	17.1
Standby	l/hr	15.3	18.8

## EXHAUST SYSTEM

		50Hz	60Hz
Maximum exhaust temperature	°C	542	478
Maximum exhaust temperature	°F	1007.6	892.4
Exhaust gas flow	kg/h	367	435
Maximum back pressure	mbar	100	100

