

50/60 Hz

3-Phase

Power Factor
Cos Φ = 0.8

Emissions
EU Stage IIIA Certified

Reference Standards

Falcon Generators are CE certified and conform to the following Directives (subject to a country requiring such standard):

- EN 12100, EN 13857, EN60204
- 2006/42/CE Machinery safety
- 2006/95/EC Low voltage
- 2004/108/CE Electromagnetic compatibility
- 2000/14/EC Sound Power Level (amended by 2005/88/EC)
- Power according to ISO 8528 and ISO 3046
- Ambient reference conditions 1 000mbar, 25°C, 30% relative humidity ISO3046

Information based on standard specification equipment unless otherwise stated.



Definition of Ratings & Reference Conditions

Prime Power (PRP) is for the supply of continuous electrical power, at variable load, in lieu of commercially purchase power. There is no limitation on the annual hours of operation and 10% overload power can be supplied for 1 hour in 12.

Standby Power (ESP) is the maximum output available, for up to 500 hours per year, where the average load (variable) does not exceed 70% of the standby power rating. No overload is available.

Overall Dimensions & Weights Canopy Set

Length (L) = 1948mm Width (W) = 835mm
Height (H) = 1423mm
Dry Weight (inc oil) = 950kg

	Prime
Fuel Consumption at 100% Power l/h	4.45
Fuel Consumption at 75% Power l/h	3.29
Fuel Consumption at 50% Power l/h	2.24
Standard Fuel Tank	100

Manufacturer and Model		JCB by Kohler KDI 1903 M
Fuel		Diesel
Injection		Direct
Aspiration		Naturally Aspirated
Cylinders		3
Bore and Stroke	mm	88 x 102
Displacement	L	1.861
Cooling		Water
Engine Oil Specification		API CH4-SAE 10W40
Compression Ratio		11.5:1
Engine Oil Capacity	L	8.90
Coolant Capacity	L	6.80
Governor		Mechanical
Air Filter		Paper Element
Engine Oil Consumption	100% Load	0.1% of fuel consumed

50Hz RATINGS	PRIME POWER (PRP)		STANDBY POWER (ESP)		
Voltage	kVA	kWe	kVA	kWe	Amps
400/230	18	15	20	16	32

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