

MODEL:  
**60KVA**



**GENERATOR**

**TECHNICAL DATA SHEET**

**50/60 Hz**

**3-Phase**

**Power Factor**  
**Cos  $\Phi$  = 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, EN13857, 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)
- 97/68/EC Emissions(amended by 2002/88/EC & 2004/26/EC)
- Power according to ISO 8528 and ISO 3046
- Ambient reference conditions 1000mbar, 25°C, 30% relative humidity ISO3046

Information based on standard specification equipment unless otherwise stated.



**Definition of Ratings & Reference Conditions**

**Prime Power (PRP)** This rating 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) = 3334mm Width (W) = 1200mm  
Height (H) = 1912mm

**Dry Weight**  
(Standard build with all fluids except fuel )  
= 2045kg

	<b>Prime</b>
<b>Fuel Consumption at 100% Power l/h</b>	15.90
<b>Fuel Consumption at 75% Power l/h</b>	12.60
<b>Fuel Consumption at 50% Power l/h</b>	8.70
<b>Standard Fuel Tank</b>	100

Manufacturer and Model		JCB by Kohler KDI 1903 M
<b>Fuel</b>		Diesel
<b>Injection</b>		Turbo Charged
<b>Aspiration</b>		Naturally Aspirated
<b>Cylinders</b>		4
<b>Bore and Stroke</b>	mm	103 x 135
<b>Displacement</b>	L	4.77
<b>Cooling</b>		Water
<b>Engine Oil Specification</b>		API CH4-SAE 10W40
<b>Compression Ratio</b>		18 : 1
<b>Engine Oil Capacity</b>	L	15.00
<b>Coolant Capacity</b>	L	16.00
<b>Governor</b>		Mechanical
<b>Air Filter</b>		Paper Element
<b>Engine Oil Consumption</b>	<b>100% Load</b>	0.1% of fuel consumed

50Hz RATINGS	PRIME POWER (PRP)		STANDBY POWER (ESP)		
	kVA	kWe	kVA	kWe	Amps
Voltage					
400/230	60	48	66	53	96

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