

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, 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) = 4122mm Width (W) = 1650mm
Height (H) = 2258mm

Dry Weight
(Standard build with all fluids except fuel)
= 4448kg

Manufacturer and Model		John Deere 6090HFU84
Fuel		Diesel
Injection		Direct
Aspiration		Turbo Charged
Cylinders		6
Bore and Stroke	mm	118 x 136
Displacement	L	9.00
Cooling		Water
Engine Oil Specification		JCB EP 15W40
Compression Ratio		16 : 1
Engine Oil Capacity	L	31.00
Coolant Capacity	L	36.00
Governor		Electronic
Air Filter		Paper Element
Engine Oil Consumption	100% Load	0.1% of fuel consumed

	Prime 50Hz
Fuel Consumption at 100% Power l/h	52.10
Fuel Consumption at 75% Power l/h	40.20
Fuel Consumption at 50% Power l/h	56.90