

# Inspired by your **Needs** Powered by **Technology**

**Built-In  
AMF  
Logic**

- Super Silent
- Light Weight
- Highly Fuel Efficient
- Easy Serviceability
- Lower Maintenance Costs
- More Economical Running Costs Compared to Petrol Gensets



Diesel Generating Sets from 5 kVA to 2250 kVA

## 5 kVA Portable Genset Specifications

### DG Specifications

DG set Model	Unit	OL5D
Power Rating	kVA	5
Electric Power	kWe	4
Rated Current	Amps	21.7
No.of Phases		Single(1)
Dimension (Length x Width x Height)	mm	970 x 580 x 790
DG Weight	Kg	192-200

### Engine Specifications

Model		AL418DG1
Working Principle		4 Stroke
Number of Cylinders		One (1)
Bore x Stroke	mm	86 x 72
Compression Ratio		20:01 + / - 0.5
Displacement	CC	418
Rated HP	BHP	7.5
Gross Power	kWe	5.5
BMEP at rated Power	bar	5.62
Rated Speed	RPM	3000
Cooling Type		Air Cooled
Combustion Type		DI
Block Loading Capacity		100%
No. of Valves		2 valves
Aspiration		NA
Direction of Rotation		Clockwise
Engine Lube Oil Capacity	Ltrs	1.65
Lube Oil		Leypower XLL Diesel Engine Oil
Governing Class		G2
Starting System		Electric Start
Starter Motor Capacity		12V, 0.8 kW
Fuel Consumption		1.40 Ltrs @ 75% load

### Alternator Specifications

Rating	kVA	5
Output Power		5 kVA / 4 kW
Rated Voltage	volts	230
No. of Phases		Single
Power Factor	Lag	0.8
Insulation Class		Class H
Winding Material		Copper
Excitation Type		Brush with AVR
Frequency	Hz	50
Alt Efficiency @ NTP	%	80
No.of Poles		Two

## OJUS Power And Technologies Private Limited

Corporate Office: 2/1 JC Industrial Estate Yelachenahalli Kanakapura Road Bangalore - 560 062

9686 4470 81/82 | 080 - 2686 0720 | [www.ojuspowers.com](http://www.ojuspowers.com) | [contact@ojuspowers.com](mailto:contact@ojuspowers.com)