



# FB250-2A

## Prime rating

Meets latest India CPCBI as per G.S.R 771(E) dated 11/12/2013 and its further amendments.

Meets CPCB / MOEF norms as per G.S.R 371(T) dated 17/05/2002 and its further amendments.



### Genset Technical Data

Genset Rating (kVA)	250
No of Phases	3
Power Factor	0.8
Voltage (V)	415/230
Frequency (Hz)	50
Current (A)	350
Controller Type	SEDEMAC GC1203
Starting System	24V / 105 AH
Genset Weight (kg)	3100
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528)
Genset Dimensions (LxWxH) (mm)	4520X1540X2100
Battery Type	Lead Acid
Circuit Breaker Rating (A)	400

### Engine Technical Data

Engine Model	AL8NTIDG6
Engine Speed (rpm)	1500
Engine Volume (l)	7.98
Rated Power (kW)	200
No. of cylinder	6
Bore (mm)	112
Stroke (mm)	135
Compression Ratio	17.5 : 1
Aspiration	TA
Cooling System	Liquid Cooled
Cooling System Capacity (l)	46
Governing	Electronic A0

### Alternator Technical Data

Alternator Make	Leroy Somer
No of Bearings	1
Alternator model	LSAP 45 L1
Alternator rating	250
Class of insulation	H
Coupling details	SAE 14
Voltage Variation (%)	1
Rated Full Load Current (A)	350

### Fuel & Oil Systems Technical Data

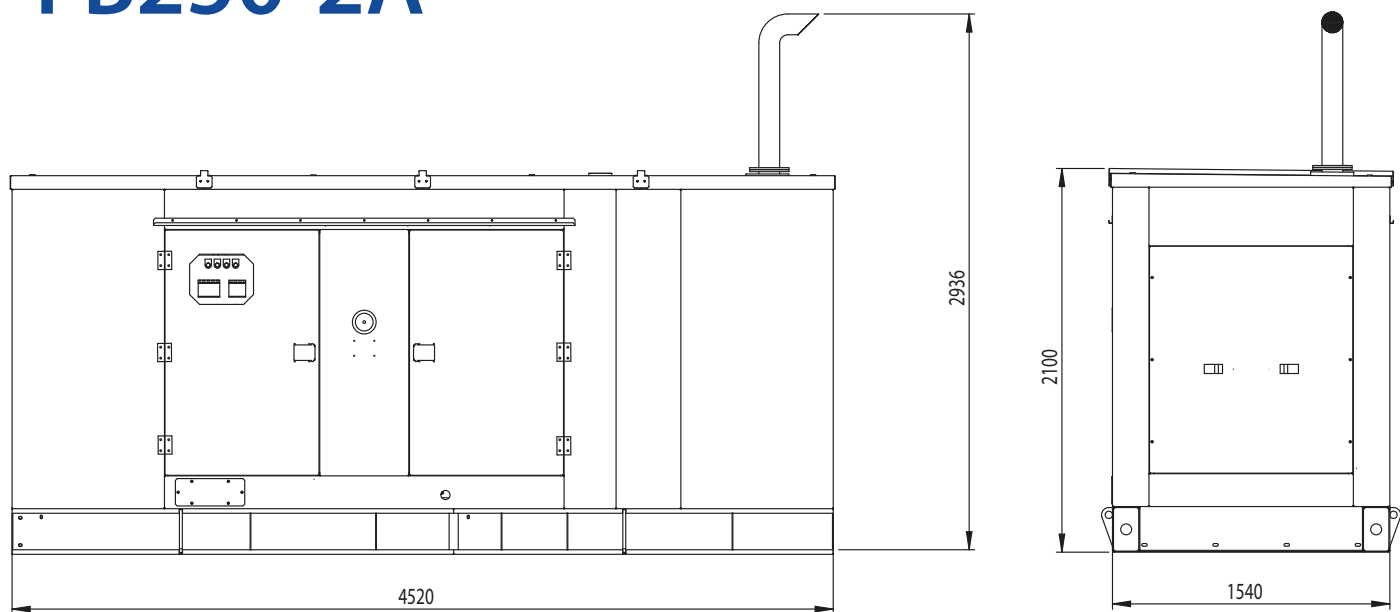
Fuel System	Inline FIP
Type Of Fuel	Diesel
Genset Fuel Tank Capacity (l)	480
Fuel Consumption - @ 100% Load (l/hr)*	54.2
Fuel Consumption - @ 75% Load (l/hr)*	40.3
Fuel Consumption - @ 50% Load (l/hr)*	27.4
Fuel Consumption Tolerance	5%
Lube Oil change period (hrs)	500 Hrs. or 6 Month
Oil Type	15W40
Oil Capacity (l)	27
Oil Consumption @100% load	< 0.1% of FC

\*sp.gr of fuel - 0.835kg/litre

Standard operating conditions as per ISO3046 / ISO8528

Prime Rating as per ISO8528

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## FG Wilson manufactures product in the following locations:

Brazil • China • India

With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network. To contact your local Sales Office please visit the FG Wilson website at [www.fgwilson.com](http://www.fgwilson.com).

FG Wilson is a trading name of Caterpillar (NI) Limited.

In line with our policy of continuous product development, we reserve the right to change specification without notice.

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