



# FB250-2

## Prime rating

- Meets latest India CPCBII 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
Frequency (Hz)	50
Current (A)	347.5
Controller Type	Standard
Starting System	24V dc
Genset Weight (kg)	2890
Noise @ 75% load (dBA)	<75 @ 1mtr
Genset Dimensions (LxWxH) (mm)	4548 x 1600 x 3155
Battery Type	2 x 12 Volt
Circuit Breaker Rating (A)	400 A

### Engine Technical Data

Engine Model	FBD6-7.8D4
Engine Speed (rpm)	1500
Engine Volume (l)	7.8
Rated Power (kW)	228
No. of cylinder	6
Bore (mm)	107
Stroke (mm)	145
Compression Ratio	16.5 : 1
Aspiration	TC-IC
Cooling System	Liquid cooled
Cooling System Capacity (l)	28
Governing	Electrical A2

### Alternator Technical Data

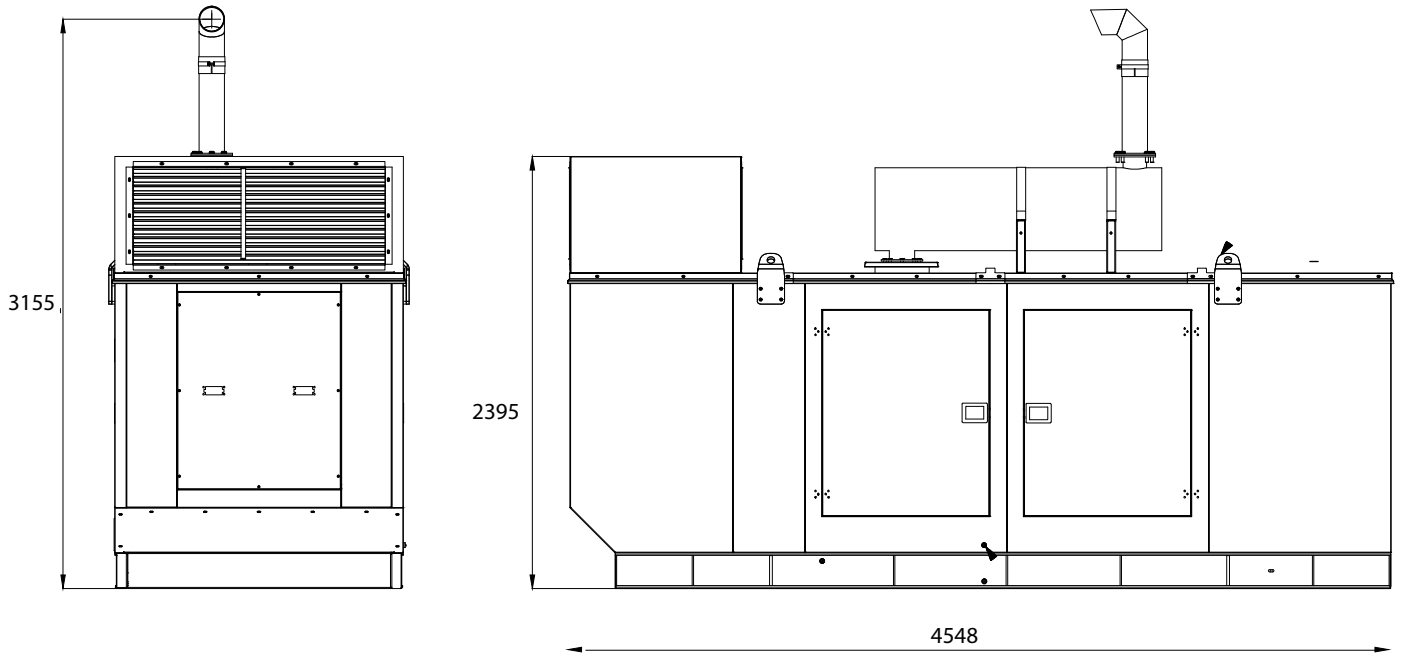
Alternator Make	Mecc Alte
No of Bearings	Single bearing
Alternator model	ECO38 M4A
Alternator rating	250
Class of insulation	H
Coupling details	SAE 3/11.5
Voltage Variation (%)	+ / - 1
Rated Full load current (A)	347.5

### Fuel & Oil Systems Technical Data

Fuel System	Mechanical
Type Of Fuel	HSD
Genset Fuel Tank Capacity (l)	375
Fuel Consumption - @ 100% Load (l/hr)*	55.3
Fuel Consumption - @ 75% Load (l/hr)*	40.3
Fuel Consumption - @ 50% Load (l/hr)*	27.9
Fuel Consumption Tolerance	0 to +5%
Lube Oil change period (hrs)	500
Oil Type	15W40 CH4
Oil capacity (l)	13.6
Oil Consumption @100% load (l/hr)	< 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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## Dealer Contact Details

### FG Wilson manufactures product in the following locations:

Northern Ireland • Brazil • China • India • USA

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.