



FB200-2A

Prime rating

Meets latest India CPCBlI 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)	200
No of Phases	3
Power Factor	0.8
Voltage (V)	415/230
Frequency (Hz)	50
Current (A)	280
Controller Type	SEDEMAC GC1203
Starting System	24V / 105 AH
Genset Weight (kg)	3070
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528)
Genset Dimensions (LxWxH) (mm)	4520X1540X2100
Battery Type	Lead Acid
Circuit Breaker Rating (A)	320

Engine Technical Data

Engine Model	AL8NTIDG6
Engine Speed (rpm)	1500
Engine Volume (l)	7.98
Rated Power (kW)	160
No. of cylinder	6
Bore (mm)	104
Stroke (mm)	113
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 M1
Alternator rating	200
Class of insulation	H
Coupling details	SAE 14
Voltage Variation (%)	1
Rated Full Load Current (A)	280

Fuel & Oil Systems Technical Data

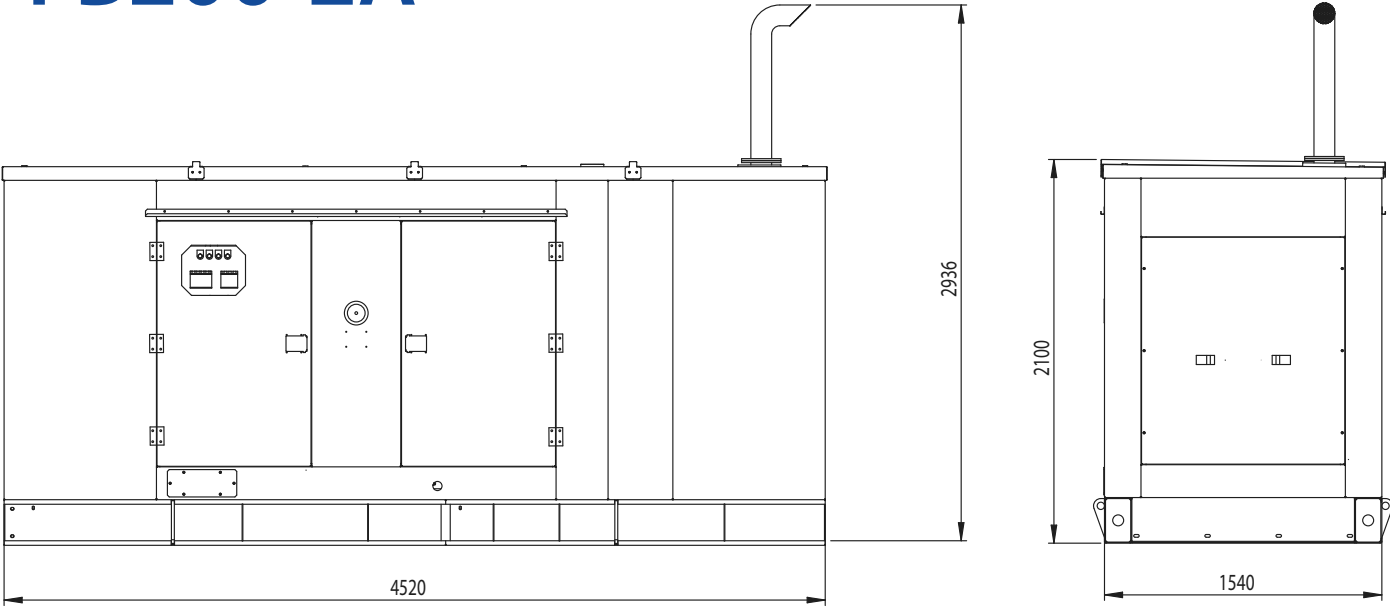
Fuel System	Inline FIP
Type Of Fuel	Diesel
Genset Fuel Tank Capacity (l)	480
Fuel Consumption - @ 100% Load (l/hr)*	43.4
Fuel Consumption - @ 75% Load (l/hr)*	32.2
Fuel Consumption - @ 50% Load (l/hr)*	22
Fuel Consumption Tolerance	5%
Lube Oil change period (hrs)	500 Hrs. or 6 Month
Oil Type	15W40
Oil 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

FB200-2A



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.
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.