



FB250-4A

Prime rating

Meets CPCB IV+ emission norms and noise requirements.

Engine make Leyland

Genset Technical Data

Genset Rating (kVA)	250
No of Phases	3
Power Factor	0.8
Voltage (V)	415/230
Frequency (Hz)	50
Current (A)	347
Controller Type	SEDEMAC GC1206
Starting System	24V / 110 AH
Genset Weight (kg)	3100
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528)
Genset Dimensions (LxWxH) (mm)	4500 x 1520 x 2075
Battery Type	Lead Acid
Circuit Breaker Rating (A)	400

Engine Technical Data

Engine Model	A6G4DE250
Engine Speed (rpm)	1500
Engine Volume (l)	7.98
Gross Rated Power (kW/hp)	223/303
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

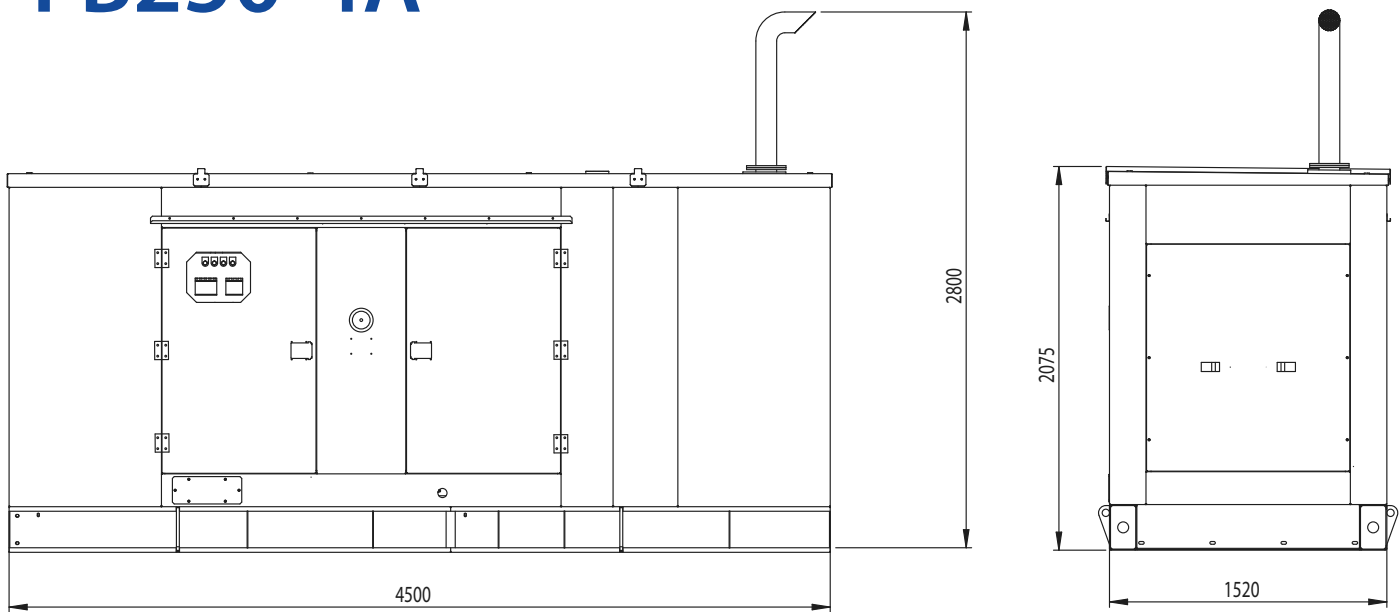
Alternator Make	Leroy Somer
No of Bearings	1
Alternator model	LSAP 45 L1
Alternator rating	250
Class of insulation	H
Coupling details	SAE 1/14
Voltage Variation (%)	1
Rated Full Load Current (A)	350

Fuel & Oil Systems Technical Data

Fuel System	CRS
Type Of Fuel	Diesel
Genset Fuel Tank Capacity (l)	480
Fuel Consumption - @ 75% Load (l/hr)*	39.3
Lube Oil change period (hrs)	750 Hrs. or 1 Year
Oil Type	10W30 CK4
Oil Capacity (l)	28
Oil Consumption @100% load	< 0.1% of FC

Ratings in accordance with ISO 8528, ISO 3046, BS 5514 under standard reference conditions
* With Diesel specific gravity of 0.8355 at NTP and tolerance of +5%
Standard Reference Conditions: 27 degC Air inlet temp., 100kpa(750mm of Hg) atmospheric conditions
Meets CPCB IV+ emission norms and noise requirements.

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FG Wilson diesel generating sets are manufactured by Caterpillar (NI) Limited.
Specifications are subject to change without notice.

FB250-4A/0624/EN

Supplied to you by FW Power Generators Limited

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