



FB40-4A

Prime rating

Meets CPCB IV+ emission norms and noise requirements.



Engine make  **Leyland**

Genset Technical Data

Genset Rating (kVA)	40
No of Phases	3
Power Factor	0.8
Voltage (V)	415/230
Frequency (Hz)	50
Current (A)	56
Controller Type	SEDEMAC GC1206
Starting System	12V / 90 AH
Genset Weight (kg)	1200
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528)
Genset Dimensions (LxWxH) (mm)	2490 x 1090 x 1397
Battery Type	Lead Acid
Circuit Breaker Rating (A)	63

Engine Technical Data

Engine Model	H4G4DE40
Engine Speed (rpm)	1500
Engine Volume (l)	3.84
Gross Rated Power (kW/hp)	39/52
No. of cylinder	4
Bore (mm)	104
Stroke (mm)	113
Compression Ratio	16.5 : 1
Aspiration	TA
Cooling System	Liquid Cooled
Cooling System Capacity (l)	14
Governing	Electronic A0

Alternator Technical Data

Alternator Make	Leroy Somer
No of Bearings	1
Alternator model	LSAP 42.3 F
Alternator rating	40
Class of insulation	H
Coupling details	SAE 3/10
Voltage Variation (%)	1
Rated Full Load Current (A)	56

Fuel & Oil Systems Technical Data

Fuel System	CRS
Type Of Fuel	Diesel
Genset Fuel Tank Capacity (l)	85
Fuel Consumption - @ 75% Load (l/hr)*	7.7
Lube Oil change period (hrs)	750 Hrs. or 1 Year
Oil Type	10W30 CK4
Oil Capacity (l)	8.5
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%

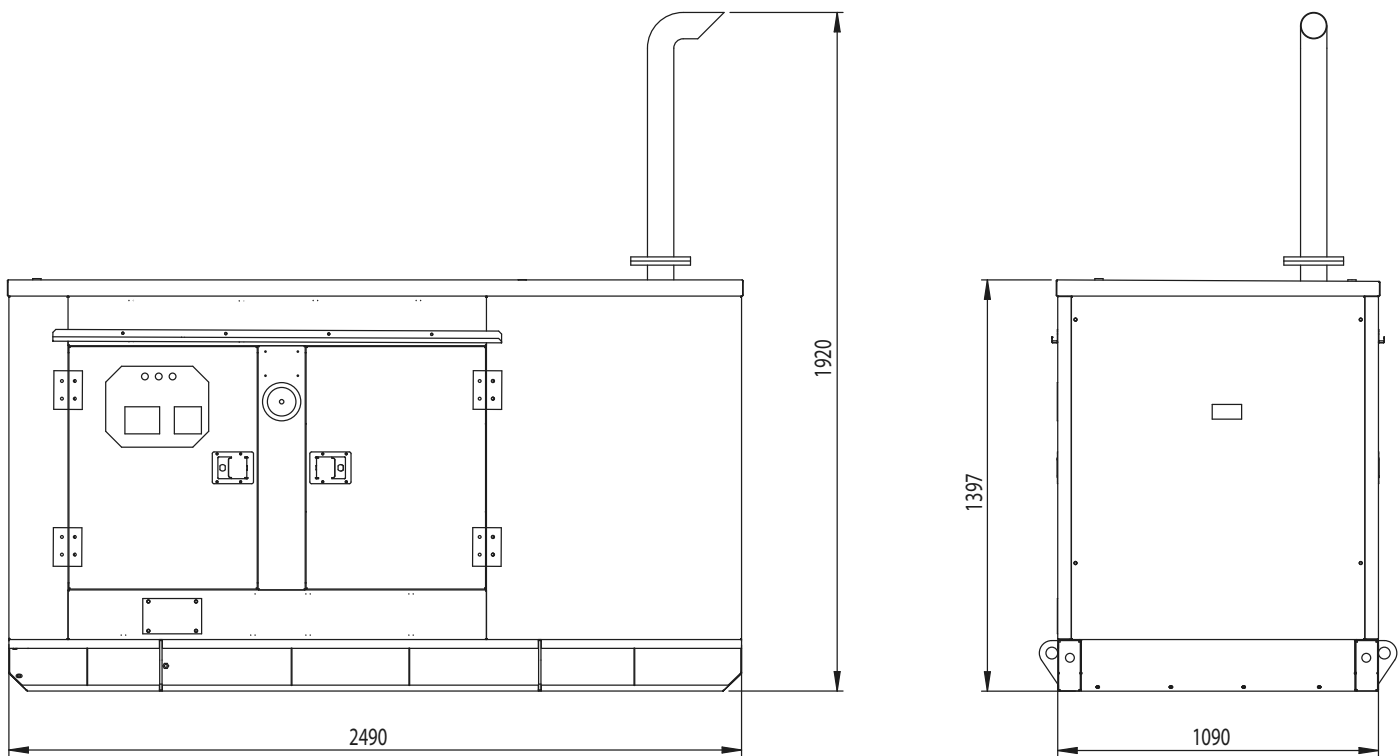
Standard Reference Conditions: 27 degC Air inlet temp., 100kpa(750mm of Hg) atmospheric conditions

Data is subject to modification based on final CPCB certification

Supplied to you by FW Power Generators Limited

+44 1829 863497 | sales@fwpower.co.uk | www.fwpower.co.uk

FB40-4A



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

FB40-4A/0624EN

Supplied to you by FW Power Generators Limited

+44 1829 863497 | sales@fwpower.co.uk | www.fwpower.co.uk