



# FB60-4A

## Prime rating

Meets latest India CPCB emission norms (CPCBIV+) and noise norms



### Genset Technical Data

Genset Rating (kVA)	58.5
No of Phases	3
Power Factor	0.8
Voltage (V)	415/240
Frequency (Hz)	50
Controller Type	GC1206
Starting System	12V / 90 AH
Genset Dry Weight (kg)	1270
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528-10)
Genset Dimensions (LxWxH) (mm)	2800 x 1078 x 1445
Genset Dimensions (with Exhaust)	2800 x 1078 x 1996
Battery Type	Lead Acid
Circuit Breaker Rating (A)(3P/4P)	100/3P

### Engine Technical Data

Engine Model	H4G4DE60
Engine Speed (rpm)	1500
Engine Volume (l)	3.84
Gross Rated Power (kW/hp)	54/72
No. of cylinder	4
Bore (mm)xStroke(mm)	104 x 113
Compression Ratio	16.5 : 1
Displacement (Litres)	3.84
Aspiration	TA
Cooling System	Liquid Cooled
Cooling System Capacity (l)	13.5
Cooling System Capability	50 °C
Governing	Electronic A0

### Alternator Technical Data

Alternator Make	Leroy Somer
No of Bearings	1
Alternator model	LSAP 42.3 K
Alternator rating	58.5
Class of insulation	H
Coupling details	SAE 3/10
Voltage Variation (%)	1
Rated Full Load Current (A)	87
Short circuit fault current(Xd'')(kA)	0.072

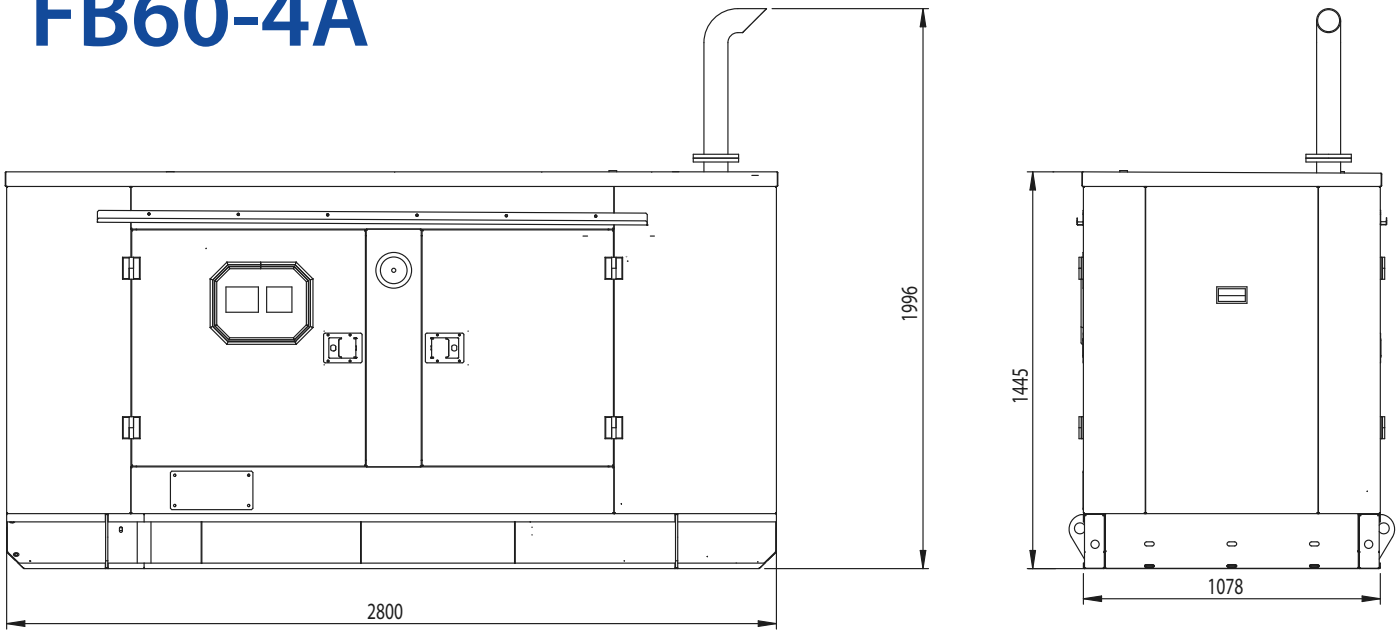
### Fuel & Oil Systems Technical Data

Fuel System	CRS
Type Of Fuel	Diesel
Genset Fuel Tank Capacity (l)	140
Fuel Consumption - @ 75% Load (l/hr)*	10.5
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%

# FB60-4A



Caterpillar (NI) Limited is the manufacturer of FG Wilson brand diesel generating sets, and our facilities manufacture products in the following locations:  
Brazil • China • India  
With headquarters in Northern Ireland, FG Wilson products are distributed 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)

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