



# FB160-4A

## Prime rating

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



### Genset Technical Data

Genset Rating (kVA)	160
No of Phases	3
Power Factor	0.8
Voltage (V)	415/240
Frequency (Hz)	50
Controller Type	GC1206
Starting System	12V / 130 AH
Genset Dry Weight (kg)	1890
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528-10)
Genset Dimensions (LxWxH) (mm)	3900 x 1400 x 1875
Genset Dimensions (with Exhaust)	3900 x 1400 x 2773
Battery Type	Lead Acid
Circuit Breaker Rating (A)(3P/4P)	250/3P

### Engine Technical Data

Engine Model	H6G4DE160
Engine Speed (rpm) Engine	1500
Volume (l)	6
Rated Power (kW)	147/197
No. of cylinder	6
Bore (mm)xStroke(mm)	104 x 118
Compression Ratio	16.5 : 1
Displacement (Litres)	6
Aspiration	TA
Cooling System	Liquid Cooled
Cooling System Capacity (l)	23
Cooling System Capability	50 °C
Governing	Electronic A0
DEF tank Capacity(L)24	24

### Alternator Technical Data

Alternator Make	Leroy Somer
No of Bearings	1
Alternator model	LSAP 44.3 H
Alternator rating	160
Class of insulation	H
Coupling details	SAE 2/11.5
Voltage Variation (%)	1
Rated Full Load Current (A)	224
Short circuit fault current(Xd")(kA)	0.124

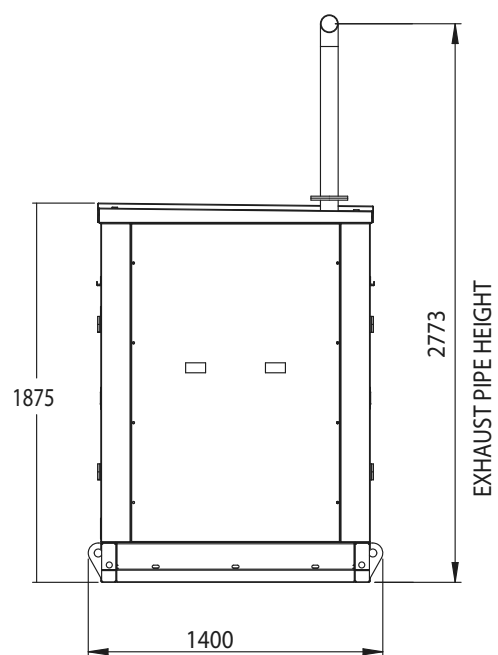
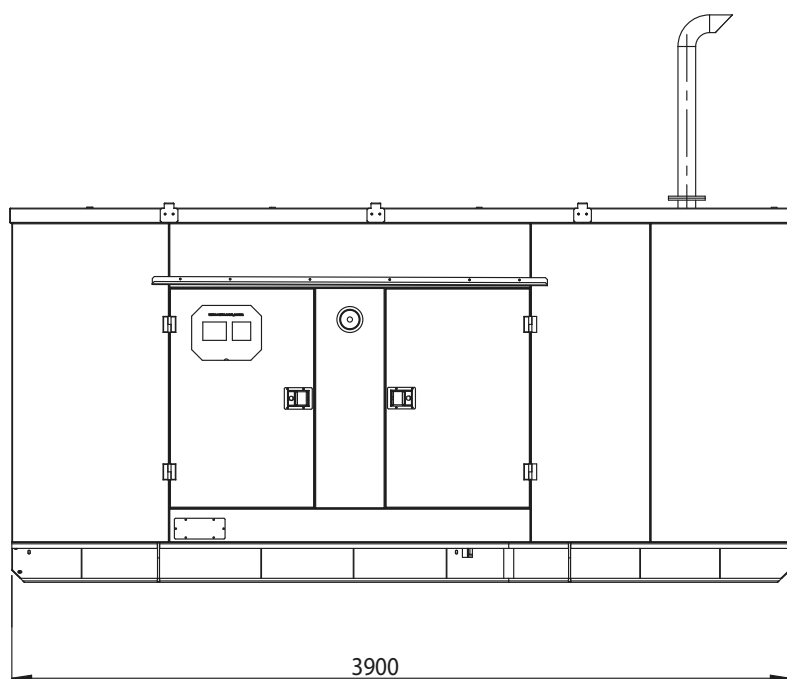
### Fuel & Oil Systems Technical Data

Fuel System	CRS
Type Of Fuel	Diesel
Genset Fuel Tank Capacity (l)	325
Fuel Consumption - @ 75% Load (l/hr)*	27.5
Lube Oil change period (hrs)	750 Hrs. or 1 Year
Oil Type	10W30 CK4
Oil Capacity (l)	18
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%

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