



# FB15-2A

## Prime rating

Meets latest India CPCBI 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)	15
No of Phases	3
Power Factor	0.8
Voltage (V)	415/230
Frequency (Hz)	50
Current (A)	21
Controller Type	SEDEMAC GC902
Starting System	12V / 90 AH
Genset Weight (kg)	800
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528)
Genset Dimensions (LxWxH) (mm)	1864X900X1371
Battery Type	Lead Acid
Circuit Breaker Rating (A)	25

### Engine Technical Data

Engine Model	AL2CDG1
Engine Speed (rpm)	1500
Engine Volume (l)	1.92
Rated Power (kW)	12
No. of cylinder	2
Bore (mm)	104
Stroke (mm)	113
Compression Ratio	16.5 : 1
Aspiration	NA
Cooling System	Liquid Cooled
Cooling System Capacity (l)	8
Governing	Mechanical A1

### Alternator Technical Data

Alternator Make	Leroy Somer
No of Bearings	1
Alternator model	LSAP 40 E
Alternator rating	15
Class of insulation	H
Coupling details	SAE 10
Voltage Variation (%)	1
Rated Full Load Current (A)	21

### Fuel & Oil Systems Technical Data

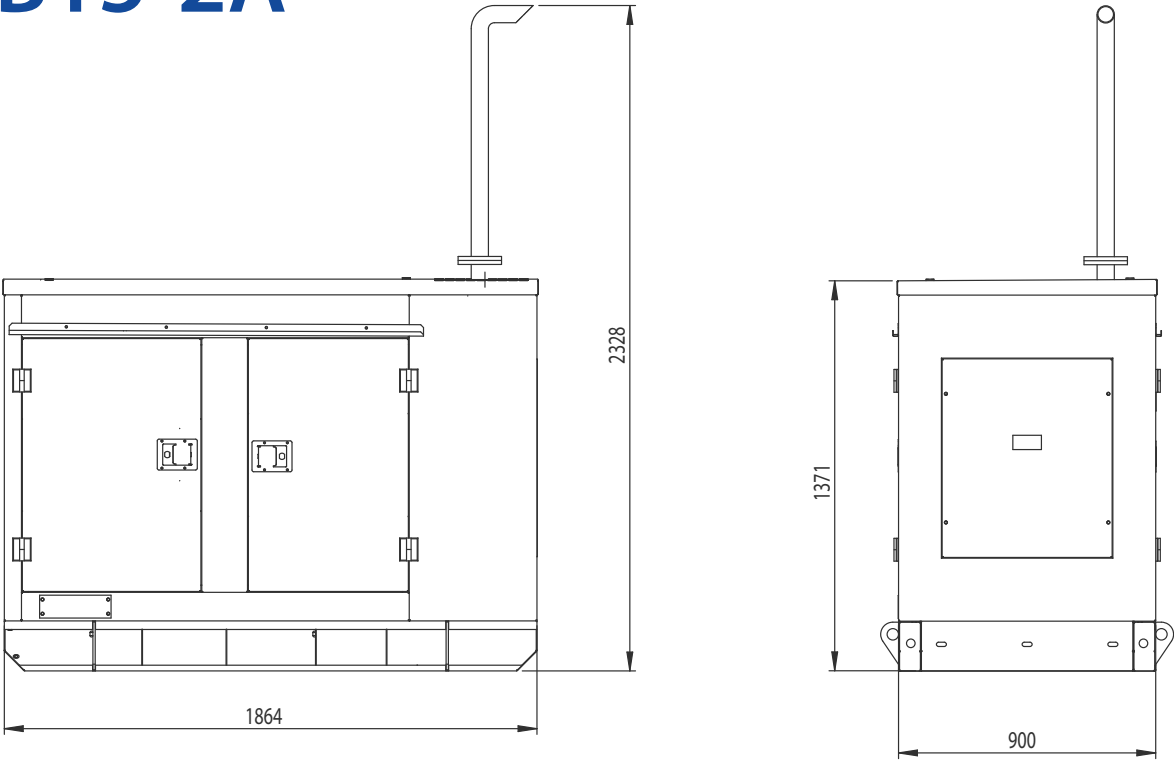
Fuel System	Inline FIP
Type Of Fuel	Diesel
Genset Fuel Tank Capacity (l)	45
Fuel Consumption - @ 100% Load (l/hr)*	4.5
Fuel Consumption - @ 75% Load (l/hr)*	3.4
Fuel Consumption - @ 50% Load (l/hr)*	2.4
Fuel Consumption Tolerance	5%
Lube Oil change period (hrs)	600 Hrs. or 1 Year
Oil Type	15W40
Oil Capacity (l)	6.5
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

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