



# FB30-4A

## Prime rating

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

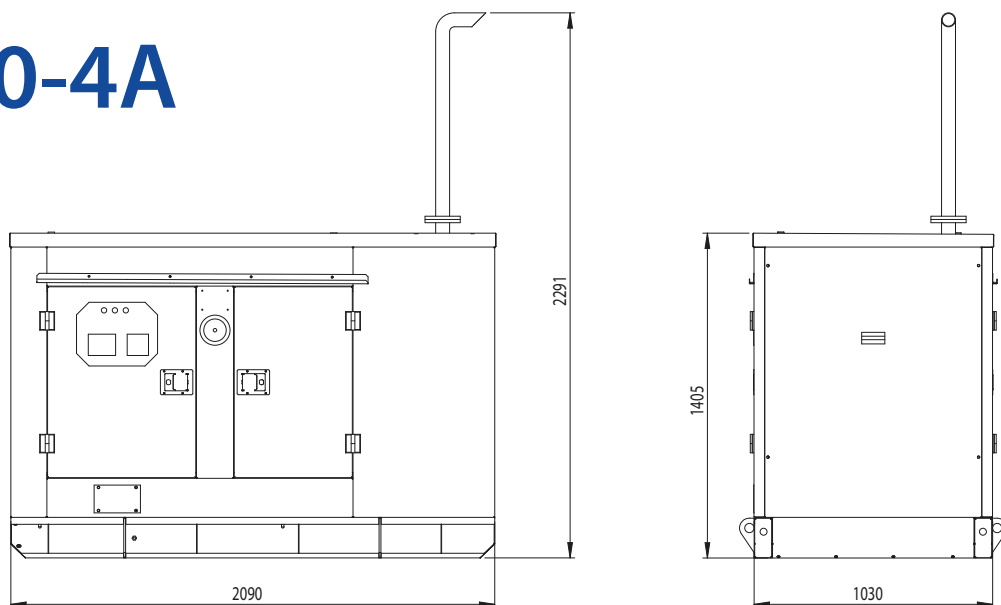


Genset Technical Data		Alternator Technical Data	
Genset Rating (kVA)	30	Alternator Make	Leroy Somer
No of Phases	3	No of Bearings	1
Power Factor	0.8	Alternator model	LSAP 42.3 C
Voltage (V)	415/240	Alternator rating	30
Frequency (Hz)	50	Class of insulation	H
Controller Type	GC1206	Coupling details	SAE 3/10
Starting System	12V / 90 AH	Voltage Variation (%)	1
Genset Dry Weight (kg)	736	Rated Full Load Current (A)	42
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528-10)	Short circuit fault current(Xd")(kA)	0.092
Genset Dimensions (LxWxH) (mm)	2090 x 1030 x 1405		
Genset Dimensions (with Exhaust)	2090 x 1030 x 2291		
Battery Type	Lead Acid	Fuel & Oil Systems Technical Data	
Circuit Breaker Rating (A)(3P/4P)	50/4P	Fuel System	CRS
Engine Technical Data		Type Of Fuel	Diesel
Engine Model	P15G4DE30	Genset Fuel Tank Capacity (l)	85
Engine Speed (rpm)	1500	Fuel Consumption - @ 75% Load (l/hr)*	6
Engine Volume (l)	1.5	Lube Oil change period (hrs)	500 Hrs. or 1 Year
Gross Rated Power (kW/hp)	28/37	Oil Type	10W30 CK4
No. of cylinder	3	Oil Capacity (l)	4.5
Bore (mm)xStroke(mm)	80 x 98	Oil Consumption @100% load	< 0.1% of FC
Compression Ratio	16.5 : 1		
Displacement (Litres)	1.5		
Aspiration	TA		
Cooling System	Liquid Cooled		
Cooling System Capacity (l)	11		
Governing	Electronic A0		

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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