



FB30-2SA

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) | 30 |
| No of Phases | 1 |
| Power Factor | 0.8 |
| Voltage (V) | 230 |
| Frequency (Hz) | 50 |
| Current (A) | 130 |
| Controller Type | SEDEMAC GC902 |
| Starting System | 12V / 90 AH |
| Genset Weight (kg) | 1030 |
| Noise @ 75% load (dBA) | < 75 @ 1m (As per ISO 8528) |
| Genset Dimensions (LxWxH) (mm) | 2090X1030X1400 |
| Battery Type | Lead Acid |
| Circuit Breaker Rating (A) | 150 |

Engine Technical Data

| | |
|-----------------------------|---------------|
| Engine Model | AL2CTIDG1 |
| Engine Speed (rpm) | 1500 |
| Engine Volume (l) | 1.92 |
| Rated Power (kW) | 24 |
| No. of cylinder | 2 |
| Bore (mm) | 104 |
| Stroke (mm) | 113 |
| Compression Ratio | 16.5 : 1 |
| Aspiration | TA |
| Cooling System | Liquid Cooled |
| Cooling System Capacity (l) | 10 |
| Governing | Electronic A0 |

Alternator Technical Data

| | |
|-----------------------------|-------------|
| Alternator Make | Leroy Somer |
| No of Bearings | 1 |
| Alternator model | LSAP 42.3 G |
| Alternator rating | 30 |
| Class of insulation | H |
| Coupling details | SAE 10 |
| Voltage Variation (%) | 1 |
| Rated Full Load Current (A) | 130 |

Fuel & Oil Systems Technical Data

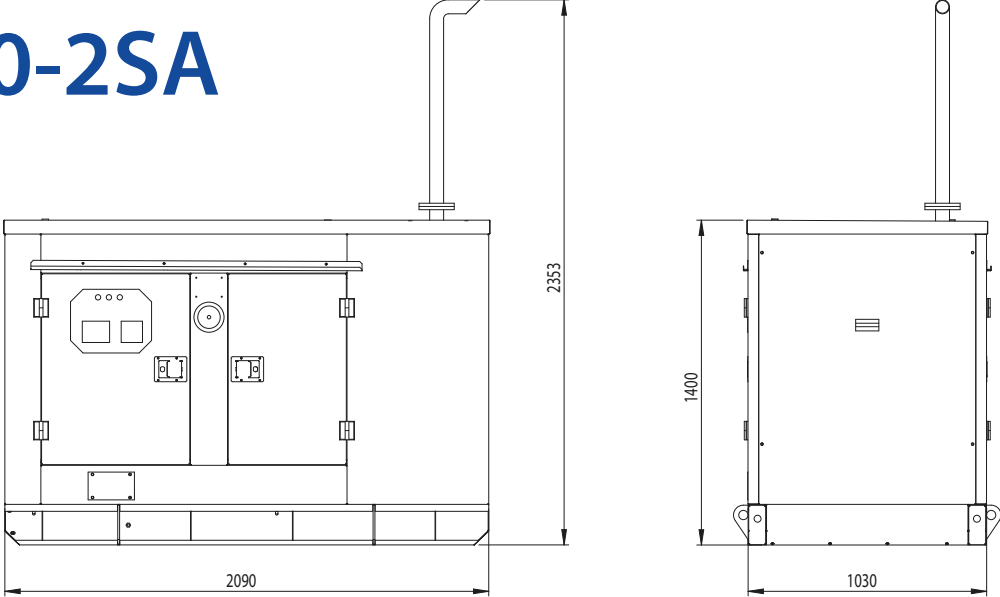
| | |
|--|--------------------|
| Fuel System | Inline FIP |
| Type Of Fuel | Diesel |
| Genset Fuel Tank Capacity (l) | 85 |
| Fuel Consumption - @ 100% Load (l/hr)* | 8 |
| Fuel Consumption - @ 75% Load (l/hr)* | 6 |
| Fuel Consumption - @ 50% Load (l/hr)* | 4.2 |
| Fuel Consumption Tolerance | 5% |
| 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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