



FB250-4A

Prime rating

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



Genset Technical Data

| | |
|-----------------------------------|--------------------------------|
| Genset Rating (kVA) | 250 |
| No of Phases | 3 |
| Power Factor | 0.8 |
| Voltage (V) | 415/240 |
| Frequency (Hz) | 50 |
| Controller Type | GC1206 |
| Starting System | 24V / 150 AH |
| Genset Dry Weight (kg) | 2249 |
| Noise @ 75% load (dBA) | < 75 @ 1m (As per ISO 8528-10) |
| Genset Dimensions (LxWxH) (mm) | 4500 x 1520 x 2075 |
| Genset Dimensions (with Exhaust) | 4500 x 1520 x 2800 |
| Battery Type | Lead Acid |
| Circuit Breaker Rating (A)(3P/4P) | 400/3P |

Engine Technical Data

| | |
|-----------------------------|---------------|
| Engine Model | A6G4DE250 |
| Engine Speed (rpm) | 1500 |
| Engine Volume (l) | 7.98 |
| Gross Rated Power (kW/hp) | 223/303 |
| No. of cylinder | 6 |
| Bore (mm)xStroke(mm) | 112 x 135 |
| Compression Ratio | 17.5 : 1 |
| Displacement (Litres) | 7.98 |
| Aspiration | TA |
| Cooling System | Liquid Cooled |
| Cooling System Capacity (l) | 46 |
| Governing | Electronic A0 |
| DEF tank Capacity(L)24 | 48 |

Alternator Technical Data

| | |
|--------------------------------------|-------------|
| Alternator Make | Leroy Somer |
| No of Bearings | 1 |
| Alternator model | LSAP 45 L1 |
| Alternator rating | 250 |
| Class of insulation | H |
| Coupling details | SAE 1/14 |
| Voltage Variation (%) | 1 |
| Rated Full Load Current (A) | 350 |
| Short circuit fault current(Xd")(kA) | 0.102 |

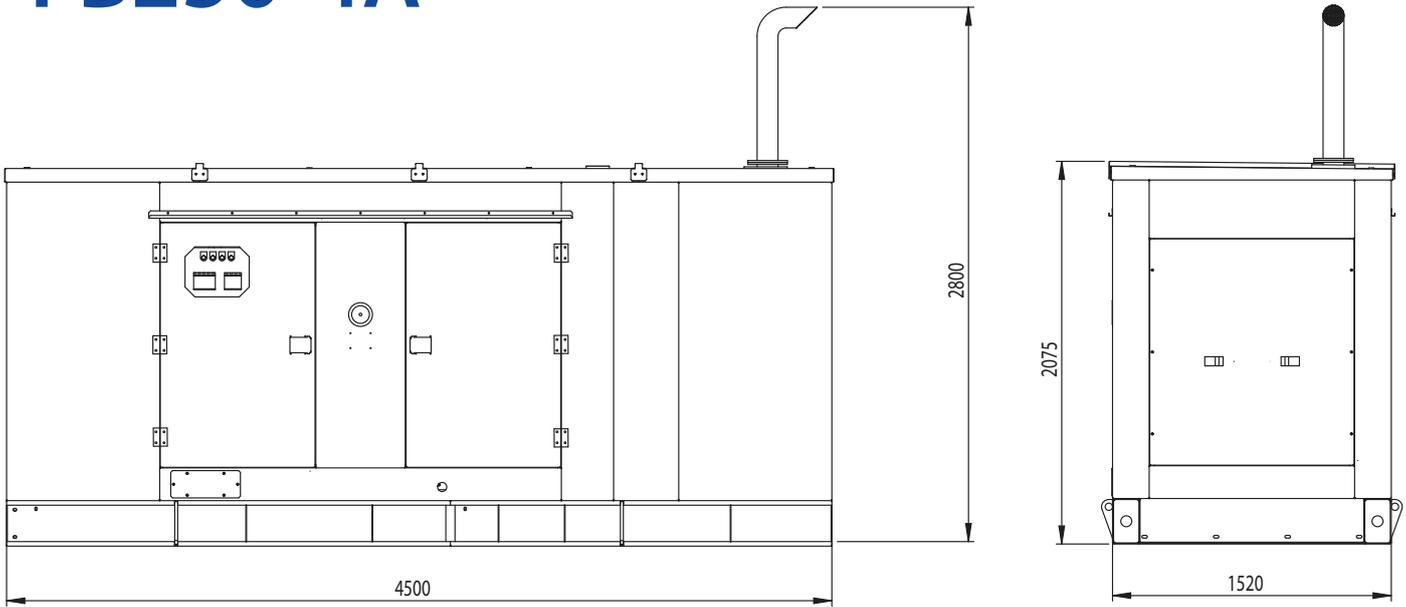
Fuel & Oil Systems Technical Data

| | |
|---------------------------------------|--------------------|
| Fuel System | CRS |
| Type Of Fuel | Diesel |
| Genset Fuel Tank Capacity (l) | 325 |
| Fuel Consumption - @ 75% Load (l/hr)* | 39.3 |
| Lube Oil change period (hrs) | 750 Hrs. or 1 Year |
| Oil Type | 10W30 CK4 |
| Oil Capacity (l) | 28 |
| 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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