

Diesel Generator 5500LDE

The 5500LDE is a robust and reliable diesel generator designed for various power needs. It features a diesel engine known for its efficiency and durability, providing a stable power supply.



Overview

Reliable Diesel Power Solution

The 5500LDE is a robust diesel generator engineered for consistent performance in both standby and prime power applications. Featuring a soundproof enclosure, it operates at a manageable noise level of 70-74 dB(A), making it suitable for construction sites, events, and emergency backup scenarios. Its efficient, air-cooled 4-stroke engine and electric starting system ensure dependable operation when you need it most.

Performance Metrics

Key Output Metrics

4.2 KVA

Rated Output (50Hz)

4.5 KVA

Max Output (50Hz)

18.3 A

Rated Current (50Hz)

Electrical Specifications

Electrical Configuration

Parameter	50Hz Value	60Hz Value
Rated Voltage	230 V	120/240 V
Rated Current	18.3 A	38.3/19.2 A
Rated Output	4.2 KVA	4.6 KVA
Max Output	4.5 KVA	5.0 KVA
Rotation Speed	3000 rpm	3600 rpm

Engine Details

Engine Technical Data

- Model: SU186FE
- Type: Single cylinder, 4-stroke, air-cooled, direct injection
- Displacement: 406 ml (24.78 cu.in)
- Compression Ratio: 19:1
- Starting System: 12V electric starter
- Rotation Direction: Clockwise (view from flywheel)

Physical & Operational

Physical Characteristics

- Structure: Silent type
- Dimensions: 950 x 565 x 770 mm
- Weight: 165 kg
- Noise Level: 70-74 dB(A) @ 7m

Features

Key Features

Silent Enclosure • Electric Start • Low Oil Alert • Brushless Excitation • Single Phase

Maintenance

Maintenance & Fluids

- Fuel: 0# (summer) or -10# (winter) light diesel oil
- Lube: SAE10W30 (above CC grade)
- Battery: 12V-32Ah included