

# 375kVA 300kW Silent Diesel Generator Set








This 50Hz silent diesel generator set delivers 375kVA / 300kW of power. It features a robust diesel engine enclosed in a soundproof canopy for quiet operation.



## ADDITIONAL IMAGES



## Product Overview

<p><b>Client:</b> Morocco power plant <b>Model &amp; Units:</b> 6.6kv 1420kw*4,1800kw*4 <b>Year:</b> 2016 <b>Country:</b> Morocco</p> 	 	<p><b>Client:</b> Oman power plant <b>Model &amp; Units:</b> 11kv 1800kw*11 <b>Year:</b> 2017 <b>Country:</b> Oman</p> 		<p><b>Client:</b> Pakistan power plant <b>Model &amp; Units:</b> 1500KW *2 <b>Year:</b> 2015 <b>Country:</b> Pakistan</p>  
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Proven track record in global power plant projects.

## High-Performance 375kVA Silent Diesel Generator

This 375kVA (300kW) silent diesel generator set is engineered for reliable power delivery in noise-sensitive environments. Featuring a robust 6-cylinder engine and high-efficiency alternator, it offers strong torque, low emissions, and easy maintenance. The unit is housed in a high-quality, corrosion-resistant sheet metal canopy designed for superior waterproofing and dust protection, making it ideal for 24-hour continuous operation in demanding industrial or commercial settings.

## Core Performance

### Power Ratings

**375 kVA**

Prime Power

**300 kW**

Prime Power

**50 Hz**

Frequency

## Engine Specifications

### Engine Technical Data

Feature	Specification
Configuration	6-Cylinder, In-Line
Cycle	4-Stroke
Bore / Stroke	130 mm / 163 mm
Displacement	13 L
Compression Ratio	17:1
Induction	TCA
Governing Type	Electronic
Cooling Method	Water Cooled

## Alternator & Electrical

### Alternator Features

- 100% Copper Windings
- Self-excited, SHUNT Excitation
- AS440 A.V.R. Voltage Regulation ( $\pm 1.0\%$ )
- IP23 Protection Class
- Insulation Class H
- 2/3 Winding Pitch to minimize harmonic distortion
- Full Amortisseur Winding

## Physical Dimensions



Fully enclosed soundproof canopy for noise reduction and weather protection.

### Size and Weight

Type	Dimensions (L*W*H)	Weight
Open Set	2140 x 1360 x 2040 mm	2000 kg
Soundproof Set	4300 x 1700 x 2200 mm	2600 kg

## Operational Features



Designed for easy access and simplified maintenance of internal components.

Noise Level (at 7m)	78 dBA
Continuous Operation	8-hour fuel tank (up to 12-24 hours available)

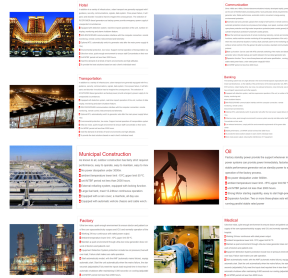
## Control & Safety

### Monitoring Capabilities

- Real-time data display and alarm shutdown
- RS232/RS485 communication interface
- Remote monitoring and control functionality
- Optional ATS (Automatic Transfer Switch) 3-15s
- AMF (Automatic Mains Failure) support

Safety Protections	Low Oil Pressure, Overvoltage, Overload, Overspeed, Short-circuit, High Temperature, Underspeed Protection
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## Applications



Versatile power solutions for infrastructure, medical, and commercial sectors.

### Suitable Industries

Hotels • Transportation • Municipal Construction • Factories • Medical Facilities • Data Centers • Banking

## Compliance & Quality

Standards & Certs	ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007, CE Certified, Machinery Safety Directive 98/37/EC, Low Voltage Directive 73/23/EEC
Pre-delivery Testing	1-hour full load test at 25%, 50%, 75%, 100%, and 110% capacity.