

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>Client: Morocco power plant Model & Units: 6.6kv 1420kw*4,1800kw*4 Year: 2016 Country: Morocco</p> 	 	<p>Client: Oman power plant Model & Units: 11kv 1800kw*11 Year: 2017 Country: Oman</p> 		<p>Client: Pakistan power plant Model & Units: 1500KW *2 Year: 2015 Country: 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

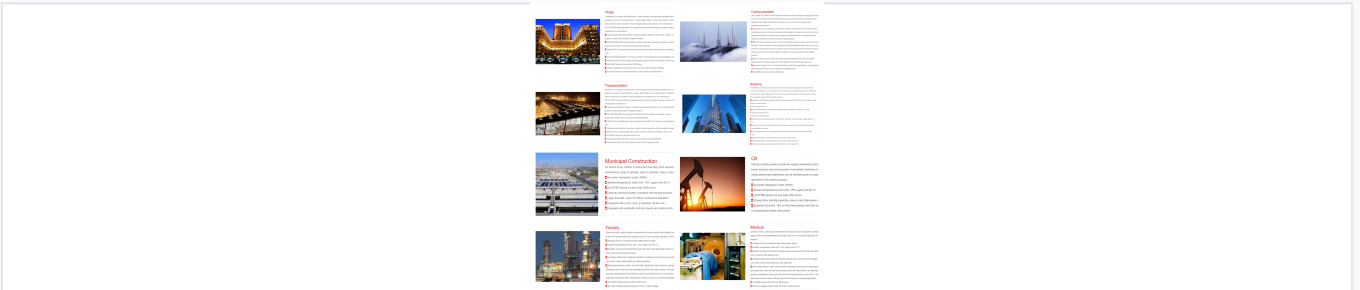
Monitoring Capabilities

- 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

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.