

28kVA 22kW 50Hz Diesel Generator Set

This diesel generator set delivers a reliable 50Hz power solution with an output of 28kVA (22kW). It features a durable enclosure for noise reduction and weather protection.



ADDITIONAL IMAGES



Overview



Easy access panels and standard electrical terminals for simplified maintenance and connection.

Reliable 28kVA Diesel Power Solution

This 28kVA (22kW) diesel generator set is engineered for high torque and easy maintenance, providing a robust power source for both prime and standby applications. Featuring a corrosion-resistant cabinet made of high-quality sheet metal, it offers excellent waterproof and dust-proof protection for operation in harsh environments. The unit is designed for easy transportation via crane or forklift and includes an integrated fuel tank providing over 8 hours of continuous operation.

Key Performance Metrics

Performance Highlights

28 kVA

Standby Power

22 kW

Standby Power

50 Hz

Frequency

68 dBA

Noise Level @ 7m

Engine Specifications

Engine Configuration	4-cylinder in-line, 4-stroke
Displacement	3.9 L
Bore / Stroke	102mm / 120mm
Cooling Method	Water-cooled
Governing Type	Electronic

Alternator & Electrical

Alternator Features

- 100% Copper Windings
- AS480 AVR Model
- Voltage Regulation $\pm 1.0\%$
- Insulation Class H
- IP23 Protection Rating
- Single Bearing

Construction & Design



Units are securely packaged to ensure safe international delivery to project sites.

Design Features

Soundproof Canopy, Corrosion-Resistant, High Waterproof, Dust-proof, Forklift/Crane Slots

Operational Limits

Operating Temperature Range	-15°C to 50°C
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Quality & Testing

Rigorous Load Testing

Every unit undergoes a comprehensive 1-hour test before delivery, covering 25%, 50%, 75%, 100%, and 110% load levels. Testing parameters include soundproof levels, frequency and voltage control, oil/fuel/water systems, and all safety protection functions.

Compliance & Certifications

ISO 9001 • ISO 14001 • OHSAS 18001 • CE Certified

Applications

Ideal For

- Hotels & Hospitality
- Medical Facilities & ICUs
- Data Centers & Banking
- Municipal Construction
- Telecommunications Infrastructure
- Factory Standby Power

Project References

Global Installation Examples

Region	Application	Configuration
Morocco	Power Plant	6.6kv High Voltage Units
Oman	Power Plant	11kv High Voltage Units
Canada	Mining	10.5KV Synchronized Sets
Syria	Oil Field	1250kw/1000kw Units