

20kW/25kVA Diesel Generator Set

This diesel generator set delivers 20kW/25kVA of electrical power. It is designed for reliable electricity generation in various applications.



ADDITIONAL IMAGES



Overview

Reliable Power Generation Solution

This 20kW/25kVA diesel generator set is engineered for consistent and dependable electrical output, making it an ideal choice for industrial or commercial backup power requirements. Built with a robust 4-cylinder engine and a high-efficiency copper-wound alternator, the unit ensures stable performance under load. Designed for durability and ease of operation, it features an electronic governor and a brushless excitation system to maintain output quality.

Performance Metrics

Power Capacity

20 kW

Prime Power

25 kVA

Prime Power

22 kW

Standby Power

27 kVA

Standby Power

Engine Specifications

Engine Configuration

Parameter	Value
Engine Model	4B3.9-G2
Cylinders/Arrangement	4/L
Bore x Stroke	102 x 120 mm
Displacement	4 L
Governor	Electronic

Fuel Consumption

6.7 L/H

Alternator Specifications

Alternator Characteristics

- 100% Copper Wire Winding
- Brushless, Self-exciting Exciter
- IP23 Protection Grade

Electrical Output

Electrical Parameters

Parameter	Value
Voltage	400V
Frequency	50Hz
Rated Current	36A
Power Factor	0.8
Phase	3 Phase