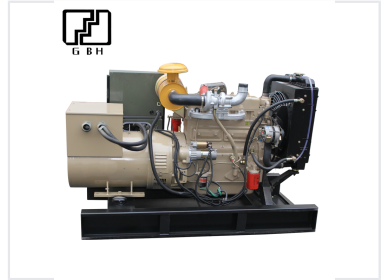
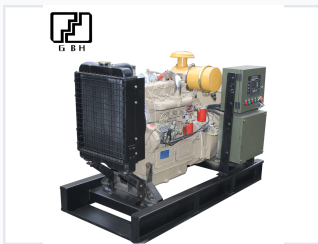


30kW Single-Phase Diesel Generator with Water Cooling

This 30kW single-phase diesel generator features a water-cooled engine and Smartgen auto control system. It provides a reliable and efficient power source for various applications.



ADDITIONAL IMAGES



Product Overview

High-Performance 30kW Diesel Power Solution

This 30kW single-phase diesel generator is engineered for reliable standby and primary power in industrial, commercial, and residential environments. Featuring a robust water-cooled engine and a brand-new brushless alternator, it ensures stable electrical output and enhanced longevity. The integrated Smartgen auto control system provides seamless operation with automatic start/stop functionality and comprehensive fault protection.

Core Performance

Key Performance Metrics

30 kW

Rated Power

41.25 kVA

Standby Power

1500 r/min

Engine Speed

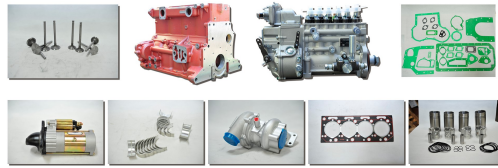
400 V

Rated Voltage

Engine Specifications



GENUINE PARTS



Engine Details

Feature	Specification
Engine Model	ZH4100ZD
Max Output	45 kW
Cooling System	Water-cooled
Starting Method	12V Electric Start
Filters	Air, Oil, and Fuel filters included

Alternator & Electrical

Alternator & Electrical

- Brand new brushless alternator
- Single bearing design
- IP21/22 Protection rating
- Class H insulation
- Brushless excitation method

Build & Construction



PACKING



Build & Construction

Component	Description
Base Frame	Heavy duty steel base frame
Vibration Control	Dampers between engine/alternator and frame
Radiator	40 (Open type) / 50 (Soundproof type)
Exhaust	Industrial silencer with flexible bellow and elbow
Fuel Tank	8-hour average capacity base tank
Dimensions (LxWxH)	1800 x 840 x 1280 mm

Control System

Control System

- Smartgen Auto Control System
- Automatic start/stop functionality
- Fault protection and monitoring
- Parameter display
- Optional controllers: Deepsea, DEIF, ComAP, Woodward

Optional Configurations

Customization Options

Automatic Transfer Switch (ATS), ABB/Schneider Breakers, Water Heater, Lub-oil Heater, 50 -55 Radiator, Fuel Level Sensor, Low Coolant Sensor, Water-Fuel Separator, External Daily Fuel Tank

Compliance & Quality



QUALITY CONTROL



Certifications

CE Certified • ISO 9001:2015 • GB/T19001-2016 • Machinery Directive 2006/42/EC

Applications



PROJECT



Common Applications

Telecom Infrastructure, Residential Buildings, Hospitals, Banking Facilities, Construction Machinery, Industrial Backup, Stone Crushing Operations