

50kW Natural Gas Generator

This 50kW natural gas generator is a reliable power solution for continuous or standby operation. It delivers stable and efficient power output and features a durable enclosure for weather protection and noise reduction.



ADDITIONAL IMAGES



Overview

High-Efficiency 50kW Natural Gas Power Solution

This natural gas generator is engineered for reliable prime or standby power applications, delivering a stable 50kW output. Featuring a water-cooled, 4-stroke 6-cylinder engine, it ensures efficient fuel consumption and low noise operation within a durable, sound-attenuated enclosure. The system is equipped with an advanced digital controller for automated monitoring and protection, making it an ideal choice for industrial and commercial environments requiring a dependable gas-powered energy source.

Performance Highlights

Key Performance Metrics

50 kW

Rated Power

54 A

Rated Current

1500 rpm

Rated Speed

Engine Specifications

Engine Model	1006NG
Engine Type	Water-cooled, 4-stroke, 6 cylinder inline
Displacement	5.9 L
Bore x Stroke	100mm x 127mm
Gas Consumption	9 m3/h

Alternator & Electrical

Insulation Class Class H	
Rated Voltage	230/400V
Frequency	50 Hz
Excitation Mode	Brushless, Self Excitation

Control System

Controller Capabilities	LCD Display, RS485 Interface, MODBUS Protocol, CAN BUS, Auto Start/Stop, Alarm Protection
Operating Environment	Temperature: -25°C to 70°C; Humidity: 20% to 90%

Physical Dimensions

Overall Dimensions	2150mm x 800mm x 1430mm
Total Weight	1200 kg

Standard Configuration

Standard Components

- Natural gas engine (1500rpm)
- Brushless Alternator
- Steel Common Base
- Gas train (Regulator, Pressure gauge, Back-fire arrester)
- 24V DC Battery
- Water Cooling System
- Exhaust system with muffler
- Maintenance tools and spark plugs