

10kW Permanent Magnet Gas Generator

This 10kW generator is designed to run on gas and features a permanent magnet alternator. It is equipped with a control panel and safety features, mounted on a sturdy base for stability.



Overview

Reliable 10kW Gas Power Generation

This 10kW permanent magnet gas generator is engineered for dependable power generation in demanding environments. Featuring a robust engine and high-efficiency permanent magnet alternator, it provides stable electricity for backup power, remote sites, or co-generation systems. The unit includes advanced safety monitoring, vibration reduction, and flexible configuration options to ensure durability and ease of operation.

Performance & Technical

Rated Power

10 kW

Rated Power

Alternator Specifications

- Permanent magnet design
- Brushless
- Self-excited
- IP22/23 Protection
- Insulation Class H

Engine & Mechanical

Cooling System

Radiator 40°C max with belt-driven fans and safety guard

Filtration System

Dry type air filter, Fuel filter, Oil filter

Control & Safety

Integrated Safety Protections

- Over speed stop
- High water temperature protection
- Low oil pressure protection
- Battery charging failure alert
- Emergency stop button

Control System

Key start control panel (standard); Digital auto start or ATS system (optional)

Compliance & Quality

Certifications

ISO9001:2000 • CE (ESC/070119) • BV

Testing Protocol

Test Type	Status
50% Load Test	Required
75% Load Test	Required
100% Load Test	Required
110% Load Test	Required
Protection Function Test	Required