

5.5kW Digital Inverter Gasoline Generator

This 5.5kW digital inverter generator provides a stable and consistent power supply, making it safe for sensitive electronics. It features a commercial design that can handle heavy loading and continuous work.



ADDITIONAL IMAGES



Overview



Demonstrating the advanced digital control and dual-voltage capabilities at a professional industry exhibition.

High-Performance Digital Inverter Power

This 5.5kW digital inverter gasoline generator is engineered for heavy-duty commercial applications, capable of 24-hour continuous operation without power reduction. It features advanced inverter technology providing a true pure sine wave output with less than 2.5% THD, making it safe for sensitive professional electronics. With a surge power capacity of up to 9kW and significant fuel savings of 20% to 40% compared to traditional sets, it offers a highly efficient and reliable power solution.

Performance Metrics

Key Performance Metrics

5.5 kW

Max Power

5 kW

Rated Power

9 kW

Surge Power

67 dBA

Noise Level (7m)

Engine Specifications

Engine Details

Feature	Specification
Model	JD190F
Type	Forced Air Cooled, Single Cylinder, 4-Stroke, OHV
Displacement	420cc
Speed	2800 - 3600 rpm (load based)
Fuel Type	Unleaded Gasoline
Oil Capacity	1100ml
Recommended Oil	SAE15W-40 or SAE5W-30

Electrical Output

Electrical Configuration

- Voltage: 110V / 220V / 240V (Dual voltage support)
- Frequency: 50Hz / 60Hz
- Phase: Single Phase
- Power Factor: 0.93
- Outlets: 16A & 32A
- Waveform: True Pure Sine Wave (THD < 2.5%)

Operation & Control

Control System

- One-Button Push Electric Start
- Recoil Start Backup
- Auto Choke & Auto Throttle
- 3-inch LCM Digital Display
- Inverter Control Voltage Regulator
- Soft Start Function

Safety & Monitoring

Protection Systems

Short Circuit Alarm, Overload Alarm, Oil Alarm, Circuit Breaker, Low Oil Shutdown

Physical & Logistics

Dimensions & Weight

Parameter	Value
Net Weight	77 kg
Gross Weight	88.5 kg
Dimensions (LxWxH)	730 x 570 x 630 mm
Fuel Tank Capacity	22 L
Continuous Runtime	8 Hours
20GP Loading	96 pcs
40HQ Loading	256 pcs

Compliance



The unit complies with international standards including CE and ISO 9001 for global market access.

Market Certifications

CE • EPA • ISO 9001

Advanced Options

Available Options

ATS (Automatic Transfer Switch), Paralleling Capability, 2-Wire System Support