

3.5kW Digital Inverter Gasoline Generator

This digital inverter generator delivers stable AC power suitable for sensitive electronics. It features a gasoline-powered engine, multiple outlets, and a user-friendly control panel with a digital display.



ADDITIONAL IMAGES



Overview



Showcasing our power solutions at international trade exhibitions.

High-Performance Digital Inverter Power

This 3.5kW digital inverter gasoline generator is engineered for commercial-grade reliability, capable of 24-hour continuous operation without power reduction. It delivers clean, stable power with a true pure sine wave output (THD < 2.5%), making it safe for sensitive professional electronics. Featuring smart fuel-saving technology, it reduces consumption by up to 40% at partial loads while offering a surge capacity of up to 4.7kW for demanding equipment.

Performance Metrics

Power Ratings

3.5 kW

Max Power

3 kW

Rated Power

4.7 kW

Surge Power

Engine & Alternator

Engine Specifications

Feature	Details
Model	JD168F
Type	Forced Air Cooled, Single Cylinder, 4-Stroke, OHV
Displacement	208cc
Engine Speed	2800-3600 rpm (load-based)
Fuel Type	Unleaded Gasoline / LPG
Alternator Type	Rare Earth, PMG Alternator

Electrical Output

Electrical Characteristics

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

Operation & Control

Smart Features & Controls

- Smart LCM Screen (Load, Voltage, Frequency, Power Rate, Hours)
- One-Button Push Electric Start
- Recoil Start Backup
- Auto Choke & Auto Throttle
- Inverter Voltage Regulation
- Soft Start Function

Safety & Protection

Protection Systems

Short Circuit Alarm • Overload Alarm • Low Oil Alarm • Circuit Breaker

Physical & Logistics

Dimensions & Weight

Parameter	Value
Dimensions (LxWxH)	700 x 500 x 525 mm
Net Weight	50.5 kg
Gross Weight	57.5 kg
Noise Level	65 dBA at 7m
Fuel Tank Capacity	12.5 L
Continuous Run Time	7.5 Hours

Compliance



Compliance certificates including CE and ISO 9001 ensuring international quality standards.

Certifications

CE, ISO 9001, EPA