

## 3.5kW Digital Inverter Gas Generator

This 3.5kW digital inverter gas generator provides a stable power supply with a commercial design that allows for continuous operation. It features a smart LCM screen and offers fuel savings when not fully loaded.



### ADDITIONAL IMAGES



### Overview

#### High-Performance 3.5kW Digital Inverter Generator

This commercial-grade gas inverter generator provides a maximum output of 3.5kW with true pure sine wave technology, ensuring safe power for sensitive electronics. Designed for 24-hour continuous operation without power reduction, it features a smart LCM display and a one-button push start for effortless use. Its fuel-efficient design saves between 20% and 40% on fuel during partial load conditions, making it an ideal choice for professional and emergency power needs.

### Performance Metrics

#### Rated Power

**3 kW**

Rated Output

**3.5 kW**

Maximum Output

**4.7 kW**

Surge Power

## Electrical Specifications

		JTE3500L18
Generator	Voltage (V)	110 / 220 / 240
	Frequency (Hz)	50 / 60
	Rated Power (kW)	3
	Max. Power (kW)	3.5
	Power Outputs	16A & 32A
	Power Factor	0.93
	Phases	Single
	Fuel Tank Capacity (L)	12.5
	Continuously Running Hours	7.5
	Type	Silent
Engine	Model	JD168F
	Type	Forced Air Cooled, Single Cylinder, 4 Stroke, OHV
	Engine Speed (rpm)	2800 - 3600 based on load
	Displacement (cc)	208
	Fuel Type	LPG
	LPG Consumption	0.45kg/h
	Oil Type	SAE15W-40 or SAE5W-30
	Oil Capacity (ml)	600
Alternator	Type	Rare Earth, PMG Alternator

## Output Configuration

Parameter	Value
Voltage	110V / 220V / 240V
Frequency	50Hz / 60Hz
Phase	Single Phase
Power Factor	0.93
THD	< 2.5% (Pure Sine Wave)

## Engine & Fuel

### Engine Specifications

- Model: JD168F (Forced Air Cooled, 4-Stroke OHV)
- Displacement: 208cc
- Fuel Type: LPG / Gas
- LPG Consumption: 0.45kg/kw.h
- Oil Capacity: 600ml (SAE15W-40 or SAE5W-30)
- Engine Speed: 2800-3600 rpm (Load-based)

## Operation & Interface

### LCM Display Data

- Load Status
- Voltage & Frequency
- Power Rate
- Working Hours
- Inverter System Info

### Smart Features

One-Button Start, Recoil Start, Auto Choke, Auto Throttle, Soft Start, 3" LCM Display

## Safety & Protection

### Integrated Alarms

Short Circuit Alarm • Overload Alarm • Low Oil Alarm • Overload Protection • Low Oil Shutdown

## Physical Attributes

Features	Power Output Wave	True Pure Sine Wave with THD (total harmonic distortion) <math>< 2.5%</math>	
	Soft Start	✓	
	Noise Level (dBA / 7m)	65	
	Start Control System	One Button Push Electric Start / Recoil Start Auto Chock - Auto Throttle	
	Voltage Regulator	Inverter Control	
	3.1CM display	Load Status	
		Voltage / Frequency	
		Power Rate	
		Working Hours	
		Inverter System Information	
		Short Circuit Alarm	
		Overload Alarm	
	Options	ATS	✓
		Paralleling	✓
2 Wire System		✓	
Others	NetGross Weight (kg)	66.5 / 57.5	
	Dimension L x W x H (mm)	700x500x525	
	ISO9001/ISO14001/CE	100 / 200 / 100	
	Certification	EPA / CE / ISO9001	

Noise Level	65 dBA/7m
Fuel Tank Capacity	12.5 L
Continuous Runtime	7.5 hours
Dimensions (LxWxH)	700 x 500 x 525 mm

## Compliance

Product Certifications	CE, ISO 9001, EPA
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