

## 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                                |  |
|               | Voltage Regulator        | Auto Chock - Auto Throttle   |  |
|               |                          | Inverter Control   |  |
|               |                          | Load Status  |  |
|               |                          | Voltage / Frequency  |  |
|               |                          | Power Rate   |  |
|               |                          | Working Hours  |  |
|               |                          | Inverter System Information  |  |
|               |                          | Short Circuit Alarm  |  |
|               |                          | Overload Alarm   |  |
|               |                          | Oil Alarm  |  |
| Options       | ATS                      | ✓  |  |
|               | Paralleling              | ✓  |  |
| Others        | 2 Wire System            | ✓  |  |
|               | NetGross Weight (kg)     | 66.5 / 57.5  |  |
|               | Dimension L x W x H (mm) | 700 x 500 x 525  |  |
|               | certification/standards  | ISO 9001 / ISO 14001   |  |
| Certification | EPA / CE / ISO90001      |  |  |

|                    |                    |
|--------------------|--------------------|
| 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 |
|------------------------|-------------------|