

DIESEL GENERATOR DG11000E3

400V max. 9.0kW | 230V 3kW | Professional 3-phase

PRODUCT OVERVIEW

High-tech air-cooled 3-phase diesel generator with innovative Wava alternator technology. Provides electricity quality equivalent to grid power (THD <5%). Ideal for construction sites, industrial use and backup power supply.

KEY FEATURES

- ✓ **High-quality electricity** - THD <5%, equivalent to grid power
- ✓ **Innovative Wava alternator technology**
- ✓ **Economical 1100F diesel engine**
- ✓ **Convenient electric starting system**
- ✓ **Built-in preheating**
- ✓ **ATS-ready system** (automatic transfer switch)
- ✓ **Durable 35mm vibration-resistant frame**
- ✓ **Easy transport** - built-in wheels and handle
- ✓ **Advanced magnetic circuit breaker**

TECHNICAL SPECIFICATIONS

POWER DATA

- **Continuous power:** 8.5 kW*
- **Peak power:** 9.0 kW
- **Power factor:** $\cos\phi = 1$
- **Full power in 400V mode:** 9.0 kVA
- **Optimized 230V power:** 7.65-8.1 kVA
- **Single-phase usage:** 85-90% of maximum power

ELECTRICAL PARAMETERS

- **Rated voltage:** 220/380V, 230/400V, 220/415V
- **Frequency:** 50 Hz
- **Voltage regulation:** $\pm 2\%$ (precise)
- **Frequency stability:** ± 0.5 Hz
- **Harmonic distortion (THD):** <5%
- **DC output:** 12V/8.3A

CONNECTIONS

- **400V three-phase output**
- **230V 32A industrial connection**
- **2 AC output sockets**
- **Automatic overload protection**

ENGINE

- **Model:** 1100F / HOOF**
- **Type:** Single-cylinder, vertical, 4-stroke, air-cooled
- **Bore x stroke:** 100 x 85 mm
- **Combustion system:** Direct injection
- **Starting system:** Electric (with built-in preheating)
- **Fuel:** Diesel
- **Engine oil capacity:** 1.65 L
- **Fuel tank capacity:** 30 L (depending on configuration)
- **Continuous operation:** 12-12.5 hours

STANDARD EQUIPMENT

- Digital voltmeter
- AC circuit breaker

DIESEL GENERATOR DG11000E3

400V max. 9.0kW | 230V 3kW | Professional 3-phase

- Oil warning light and low oil pressure sensor
- Magnetic circuit breaker
- ATS-ready
- Smart timer
- Transport wheels and handle
- Vibration-resistant 35mm frame

OPTIONAL EQUIPMENT

- Hour meter
- Remote control
- Full-function ATS system
- Welding function
- Additional sockets

OPERATING CONDITIONS

Optimal:

- Altitude above sea level: 0 m
- Temperature: +20°C
- Relative humidity: 60%

Allowed range:

- Altitude: < 1000 m
- Temperature: +5°C to +40°C
- Relative humidity: up to 90%

MAINTENANCE

- **Daily:** Visual inspection, fuel and oil level check
- **20 hours:** First oil change (new unit)
- **100 hours:** Regular oil change
- **500 hours:** Air filter replacement, fuel filter cleaning
- **1000 hours:** Comprehensive service

WARRANTY AND SERVICE

- **Warranty:** 1 year or 3000 hours (whichever comes first)
- **Service interval:** According to maintenance schedule

SAFETY

- Use only outdoors or in well-ventilated areas
- Minimum distance from buildings: 1.5 m
- Proper grounding required
- Avoid contact with hot parts
- Keep away from children and animals

DIMENSIONS AND WEIGHT

140kg, 780x540x700mm

Notes: *Continuous and peak power data based on latest technical information

** *Engine designations 1100F and H00F may refer to the same engine

*** *Technical specifications subject to change without notice