



ENERGY GENERATION

P11000 400V 50HZ IPP

THE SILENT POWER



Low noise level, it is the ideal generator for use in residential areas or outside normal working hours. It's equipped with a reliable Diesel engine, first class components and complete instrumentation.

Main Features

| | | |
|----------------------|------------|-----|
| Frequency | Hz | 50 |
| Voltage | V | 400 |
| Power factor | cos ϕ | 0.8 |
| Phase and connection | | 3 |

Power Rating

| | | |
|----------------------|-----|------|
| Standby power LTP | kVA | 10.8 |
| Standby power LTP | kW | 8.6 |
| Continuous power COP | kVA | 10.0 |
| Continuous power COP | kW | 8.0 |

Single Phase Power Rating

| | | |
|-----------------------------------|-----|-----|
| Single phase standby power LTP | kVA | 6.6 |
| Single phase continuous power COP | kVA | 6.0 |

Ratings definition (According to standard ISO8528 1:2005)

Engine specifications

| | | |
|-------------------------|-----------------|------|
| Engine manufacturer | Yanmar | |
| Model | 3TNV70-HGE | |
| Engine cooling system | Water | |
| Displacement | cm ³ | 854 |
| Aspiration | Natural | |
| Operating Speed-Nominal | rpm | 3000 |
| Speed governor | Mechanical | |
| Fuel | Diesel | |
| Oil capacity | l | 3.8 |
| Coolant capacity | l | 0.9 |
| Starting system | Electric | |
| Electric circuit | V | 12 |

Alternator Specifications

| | | |
|---------------------------|----------|----|
| Class | H | |
| Voltage regulation system | Compound | |
| IP protection | 23 | |
| Poles | 2 | |
| Frequency | Hz | 50 |

Dimensional data

| | | |
|--------------------|--------|------|
| Length | (L) mm | 1400 |
| Width | (W) mm | 650 |
| Height | (H) mm | 975 |
| Dry weight | Kg | 325 |
| Fuel tank capacity | l | 24 |

Autonomy

| | | |
|-----------------------------|-----|------|
| Fuel consumption @ 75% PRP | l/h | 2.65 |
| Fuel consumption @ 100% PRP | l/h | 3.45 |
| Running time @ 75% PRP | h | 9.06 |
| Running time @ 100% PRP | h | 6.96 |

Noise level

| | | |
|------------------------------|-------|----|
| Guaranteed noise level (LWA) | dB(A) | 96 |
| Noise pressure level @ 7 mt | dB(A) | 68 |



GENSET CONTROL PANELS MCP (#IPP)

Mounted on the genset and complete of: instrumentation, control, protection of the generating set and sockets.

COMMANDS

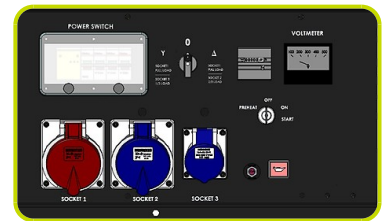
- Start selector switch with key: OFF - ON - START
- Power Selector Delta Star

INSTRUMENTATION

- Voltmeter
- Hour Meter
- Low oil pressure Alarm Lamp

PROTECTIONS

- Circuit breaker
- Isometer protection (**IPP**)



SOCKET TYPE

| | |
|--------------------------|---|
| 2P+T CEE 230V 16A IP44 | 1 |
| 2P+T CEE 230V 32A IP44 | 1 |
| 3P+N+T CEE 400V 16A IP44 | 1 |

SUPPLEMENTS CONTROL (Available when ordered)

AMF - AUTOMATIC MAIN FAILURE

This version permits to control all the functions about a generator. It's built to monitor mono phase or three phase with neutral systems in alternate current; it permits to transfer the user's load on generator when the mains voltage is faulty. Conversely, as soon as AMF system detects the power grid, it stops the generator.

Equipment:

- Control and protection unit (DGT)
- Phase detector
- Contactor with interblock
- Battery charged
- Acoustic alarm
- External start stop capability
- Emergency stop button

Instrumentation (DGT)

- Mains voltage
- Genset voltage
- Frequency meter
- Hour meter

Alarm & Shutdowns:

- Generators voltage out of limits
- Battery Voltage out of limits
- Low oil Pressure
- Fail to start
- External shutdown

Note: The AMF panel (Automatic Control Panel) replaces the Manual Control Panel

PHS - Coolant pre-heating system

Coolant preheater Engine (only available for AMF version)



ACCESSORIES

- TRANSPORTATION KIT



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