

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.

Standard Equipment

Starting system Electric

Main Features

Frequency	Hz	50
Voltage	V	230
Power factor	cos ϕ	0.9
Phase and connection		1

Power Rating

Standby power LTP	kVA	10.8
Standby power LTP	kW	9.7
Continuous power COP	kVA	10.0
Continuous power COP	kW	9.0

Ratings definition (According to standard ISO8528 1:2005)

COP - Continuous Power:

It is defined as being the maximum power which a generating set is capable of delivering continuously for an unlimited number of hours, with the maintenance intervals and procedures being carried out as prescribed by the manufacturers.

LTP - Limited-Time running Power:

It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (whose no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

Engine Specifications

Brand		Yanmar
Model		3TNV70-HGE
Engine cooling system		Water
Displacement	cm ³	854
Aspiration		Natural
Speed governor		Mechanical
Operating Speed-Nominal	rpm	3000
Oil capacity	L	3.8
Coolant capacity	L	0.9
Fuel		Diesel
Starting system		Electric
Fuel consumption @ 75% PRP	L/h	3.05


Alternator Specifications

Class		H
IP protection		23
Poles		2

Dimensional data

Length	(L) mm	1400
Width	(W) mm	650
Height	(H) mm	975
Dry weight	kg	325
Fuel tank capacity	L	24

Autonomy

Running time @ 75% PRP	h	7.87
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Noise level

Guaranteed noise level (LWA)	db(A)	96
Noise pressure level @ 7 mt	db(A)	68

GENSET MANUAL 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

INSTRUMENTATION

- Voltmeter
- Hourmeter
- Low oil pressure Alarm Lamp

PROTECTIONS

- Circuit breaker
- Isometer protection (**IPP**)
- Oil pressure indicator



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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