

P11000 400V 50HZ

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

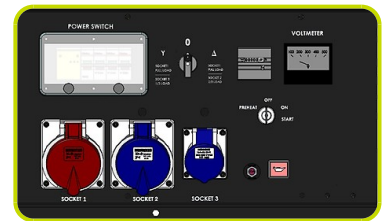
- Start selector switch with key: OFF - ON - START
- Power Selector Delta Star

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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