

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	cm³	854
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Diesel
Oil capacity	I	3.8
Coolant capacity	I	0.9
Starting system		Electric
Electric circuit	V	12



Alternator Specifications		
Class		Н
IP protection		23
Poles		2
Frequency	Hz	50
Voltage regulation system	· · · · · ·	Compound

Dimensional data		
Length	(L) mm	1400
Width	(W) mm	650
Height	(H) mm	975
Dry weight	Kg	325
Fuel tank capacity	1	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

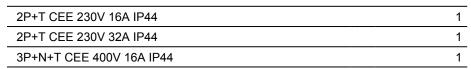
INSTRUMENTATION

- Voltmeter
- Hour Meter
- Low oil pressure Alarm Lamp

PROTECTIONS

- Circuit breaker
- Isometer protection (IPP)

SOCKET TYPE







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
- Acustic alarm
- Esternal 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)

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- TRANSPORTATION KIT



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