

P11000 230V 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	230
Power factor	cos ϕ	0.9
Phase		1

Power Rating

Emergency Standby Power ESP	kVA	10.8
Emergency Standby Power ESP	kW	9.7
Continuous power COP	kVA	10.0
Continuous power COP	kW	9.0

Ratings definition (ISO-8528)

ESP - Emergency Standby Power:

It is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.

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 procedure being carried out as prescribed by the manufacturers.

Engine specifications

Engine Brand	Yanmar	
Model	3TNM74F-NHPGE	
[50Hz] Exhaust emission level	Stage V	
Engine cooling system	Water	
Displacement	cm ³	993
Aspiration	Natural	
Operating Speed-Nominal	rpm	3000
Speed governor	Mechanical	
Fuel	Diesel	
Oil capacity	l	3.4
Coolant capacity	l	1
Starting system	Electric	
Electric circuit	V	12

Alternator Specifications

Class	H	
IP protection	23	
Poles	2	
Frequency	Hz	50
Voltage regulation system	Capacitor	

Dimensional data

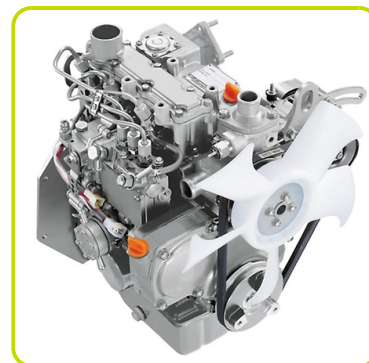
Length	(L) mm	1400
Width	(W) mm	650
Height	(H) mm	975
Dry weight	kg	320
Fuel tank capacity	l	24

Autonomy

Fuel consumption at 75% of Load	l/h	2.96
Fuel consumption at 100% of Load	l/h	4.19
Running time at 75% of load	h	8.11
Running time at 100% of load	h	5.73

Noise level

Guaranteed noise level (LWA)	dB(A)	96
Noise pressure level @ 7 m	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

SOCKET TYPE

2P+T CEE 230V 16A IP44	2
2P+T CEE 230V 32A 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



The information is aligned with the Data file at the time of download. Printed on 30/05/2022 (ID 10141)

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