

## 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 $\phi$	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 <sup>3</sup>	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	
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	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



### **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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