

## GMP-6000PS3 [3P - 50Hz - 400/230V]



Very low noise level, it is the ideal generator to use in quite areas, for residential or rental. It's equipped with a reliable Diesel engine, first class components and complete instrumentation.

### Main Features

Frequency	Hz	50
Voltage	V	400/230
Power factor	cos $\phi$	0.8
Phase		3

### Power Rating

Emergency Standby Power ESP	kVA	6.9
Emergency Standby Power ESP	kW	5.5
Continuous power COP	kVA	5.6
Continuous power COP	kW	4.5

### Single Phase Power Rating

Single phase Maximum Power	kVA	3.2
Single phase continuous power COP	kVA	3.0

Ratings definition (According to standard ISO8528 1:2005)

Engine specifications		
Engine Brand	Yanmar	
Model	L100N Electric	
Engine cooling system	Air	
Displacement	cm³	435
Aspiration	Natural	
Operating Speed-Nominal	rpm	3000
Speed governor	Mechanical	
Fuel	Diesel	
Oil capacity	l	1.6
Starting system	Electric	



Alternator Specifications		
Type		
Class	H	
IP protection	23	
Poles	2	
Frequency	Hz	50
Voltage regulation system	Compound	

Dimensional data		
Length	(L) mm	970
Width	(W) mm	580
Height	(H) mm	927
Dry weight	Kg	203
Fuel tank capacity	l	19

Autonomy		
Fuel consumption @ 75% PRP	l/h	1.46
Fuel consumption @ 100% PRP	l/h	1.94
Running time 75% PRP	h	13.01
Running time 100% PRP	h	9.79

Noise level		
Guaranteed noise level (LWA)	dB(A)	84
Noise pressure level @ 7 m	dB(A)	56

## GENSET CONTROL PANELS (CONN DPP)

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
- **CONN**ector for AMF/RSS (Accessory available)

### INSTRUMENTATION

- Voltmeter

### PROTECTIONS

- Circuit breaker
- Differential protection (**DPP**)
- Engine Protection unit: High engine temperature; Low oil pressure; Low Fuel Level; Battery Charger alternator failure.



### SOCKET TYPE

SCHUKO 230V 16A IP54	1
2P+T CEE 230V 16A IP44	1
3P+N+T CEE 400V 16A IP44	1

## ACCESSORIES CONTROL PANEL

### AMF - AUTOMATIC CONTROL PANEL (CONN)

This accessory 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
- 8 meters control wiring (with CONNector)
- 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



### RSS - REMOTE START / STOP (CONN)

RSS Remote start/stop wireless with CONNector (max Distance 90m)



## ACCESSORIES

## TRANSPORTATION KIT

with folding handles

