

## P6000 400V 50HZ #CONN #DPP

### 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	6.9
Standby power LTP	kW	5.5
Continuous power COP	kVA	5.6
Continuous power COP	kW	4.5

#### Single Phase Power Rating

Single phase standby power LTP	kVA	3.2
Single phase continuous power COP	kVA	3.0

Ratings definition (According to standard ISO8528 1:2005)

### Engine specifications

Engine manufacturer		Yanmar
Model		L100N Electric
Engine cooling system		Air
Displacement	cm <sup>3</sup>	435
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Diesel
Oil capacity	l	1.6
Starting system		Electric



### Alternator Specifications

Type		Brushless
Class		H
Voltage regulation system		Compound
IP protection		23
Poles		2
Frequency	Hz	50
Voltage tolerance	%	6

### Dimensional data

Length	(L) mm	990
Width	(W) mm	602
Height	(H) mm	826
Dry weight	Kg	186
Fuel tank capacity	l	24

### Autonomy

Fuel consumption @ 75% PRP	l/h	1.45
Fuel consumption @ 100% PRP	l/h	1.94
Running time @ 75% PRP	h	16.55
Running time @ 100% PRP	h	12.37

### Noise level

Guaranteed noise level (LWA)	dB(A)	93
Noise pressure level @ 7 mt	dB(A)	65

## 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
- CONNector for AMF/RSS (Accessory available)

### INSTRUMENTATION (DGT)

- Voltmeter
- Hours-counter
- Frequency meter

### PROTECTIONS

- Circuit breaker
- Differential protection (DPP)
- Oil Guard

### SOCKET TYPE

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



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