

# P6000 400V 50Hz #CONN #DPP



## Main Features

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

## Power Rating

Emergency Standby Power ESP	kVA	6.14
Emergency Standby Power ESP	kW	4.91
Continuous power COP	kVA	5.56
Continuous power COP	kW	4.45

Ratings definition (According to standard ISO8528 1:2005)

### Engine specifications

Engine Brand		Yanmar
Model		L100V Electric
[50Hz] Exhaust emission level		Stage V
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

Alternator		NSM
Type		Brushes
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage	V	400
Voltage regulation system		Compound
Voltage tolerance	%	6

### Dimensional data

Length	(L) mm	990
Width	(W) mm	602
Height	(H) mm	826
Dry weight	kg	188
Fuel tank capacity	l	24

### Autonomy

Fuel consumption at 75% of Load	l/h	1.53
Fuel consumption at 100% of Load	l/h	2.04
Running time at 75% of load	h	15.69
Running time at 100% of load	h	11.76

### Noise level

Guaranteed noise level (LWA)	dB(A)	95
Noise pressure level @ 7 m	dB(A)	67



## GENSET CONTROL PANELS (CONN)

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
- Oil Guard

### SOCKET TYPE

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

## SUPPLEMENTS CONTROL (Available when ordered)

### DPP – Differential Protection

Differential protection is device used to protect installations against indirect contact.



## ACCESSORIES CONTROL PANEL

### **AMF - AUTOMATIC CONTROL PANEL (CONN)**

This accessory allows to control all the generator functions. It's built to monitor single phase or three phase with neutral systems in alternate current; it transfers the 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 interlock
- Battery maintener
- 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

