

S6000 (24L) 400V #CONN #DPP

THE COMPLETE DIESEL PACKAGE



Showing the excellence of Pramac's professional equipment, this generator offers a robust package with a modern and economical Diesel engine. Perfect for intensive use, it's equipped with a control panel which allows to integrate many accessories and options for better confort and for optimal command.

Main Features

Frequency	Hz	50
Voltage	V	400/230
Power factor	cos ϕ	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)



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Engine specifications

Engine Brand		Yanmar
Model		L100N Electric
Engine cooling system		Air
Displacement	cm ³	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	840
Width	(W) mm	641
Height	(H) mm	696
Dry weight	kg	124
Fuel tank capacity	l	24

Autonomy

Fuel consumption at 75% of Load	l/h	1.46
Fuel consumption at 100% of Load	l/h	1.94
Running time at 75% of load	h	16.44
Running time at 100% of load	h	12.37



GENSET CONTROL PANEL (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)
- Fuse DC 10A
- Low Oil Pressure

OUTPUT

- Battery charged 12V 10A

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 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)



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ACCESSORIES

TRANSPORTATION KIT

- With fix handles



- With folding handles

