

# S6500 (24L) 230V 50HZ #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	230
Power factor	cos $\phi$	0.9
Phase		1

### Power Rating

Emergency Standby Power ESP	kVA	5.9
Emergency Standby Power ESP	kW	5.3
Continuous power COP	kVA	4.8
Continuous power COP	kW	4.4

### Ratings definition (ISO-8528)

#### ESP - Emergency Standby Power:

It is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.

#### COP - Continuous Power:

It is defined as being the maximum power which a generating set is capable of delivering continuously for an unlimited number of hours, with the maintenance intervals and procedure being carried out as prescribed by the manufacturers.

### Engine specifications

Engine Brand	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	
IP protection	23	
Poles	2	
Frequency	Hz	50
Voltage tolerance	% +5; -10 (cosφ1)	
Voltage regulation system	Capacitor	

### Dimensional data

Length	(L) mm	840
Width	(W) mm	641
Height	(H) mm	696
Dry weight	kg	114
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 charger 12V 10A

### SOCKET TYPE

SCHUKO 230V 16A IP54	1
2P+T CEE 230V 16A IP44	1
2P+T CEE 230V 32A 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 fix handles



- With folding handles

