S6500 (24L) 230V 50Hz #CONN #DPP #HAU

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 equiped 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 ϕ	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 - Continuos 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.

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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		
Type		Brushless
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage	V	230
Voltage regulation system		Capacitor
Voltage tolerance	%	+5; -10 (cosϕ1)

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

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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

AS/NZS 3112 15A 250V	3

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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
- Acustic 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



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The information is aligned with the Data file at the time of download.
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