

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.

Standard Equipment

Prewired for remote control (AMF / RSS)	CONN
Differential protection	DPP
Starting system	Electric
Equipment only for stationary installations	

Main Features

Frequency	Hz	50
Voltage	V	230
Power factor	cos ϕ	0.9
Phase and connection		1

Power Rating

Standby power LTP	kVA	5.9
Standby power LTP	kW	5.3
Continuous power COP	kVA	4.8
Continuous power COP	kW	4.4

Ratings definition (According to standard ISO8528 1:2005)

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 procedures being carried out as prescribed by the manufacturers.

LTP - Limited-Time running Power:

It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (whose no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

Engine Specifications

Brand		Yanmar
Model		L100N Electric
Engine cooling system		Air
Displacement	cm ³	435
Aspiration		Natural
Speed governor		Mechanical
Operating Speed-Nominal	rpm	3000
Oil capacity	L	1.6
Fuel		Diesel
Starting system		Electric
Fuel consumption @ 75% PRP	L/h	1.46


Alternator Specifications

Class		H
IP protection		23
Poles		2
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

Running time @ 75% PRP	h	16.44
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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

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



LIGHT TOWER

for portable generators (with tubular frames)

- Maximum Height 4.2m
- Elevations Pneumatic
- Quick open/close systems for legs
- Mast support and four lifting
- Lamp available Watt/Type:
 - n.4 X 500W Halogen (required power from generator: 2.5kVA 230V Single Phase)
 - n.4 X 1000W Halogen (required power from generator: 5,0kVA 230V Single Phase)



MTS- MANUAL TRANSFER SWITCH

- Manual transfer switch 40A (for manual control versions 230V)



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