



Low noise level, it is the ideal generator for use in residential areas or outside normal working hours. It's equipped with a reliable Diesel engine, first class components and complete instrumentation.

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	4.3

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

Engine manufacturer	Yanmar	
Model	L100N Electric	
Engine cooling system	Air	
Nr. of cylinder and disposition	1 vertical	
Displacement	cm ³	435
Aspiration	Natural	
Speed governor	Mechanical	
Oil capacity	l	1.6
Fuel	l	Diesel
Starting system	Electric	



Alternator Specifications

Type	Brushes	
Class	H	
IP protection	23	
Poles	2	
Frequency	Hz	50
Voltage	V	230
Voltage regulation system	Electronic	
Standard AVR	AVR 520	
Voltage tolerance	%	2

Dimensional data

Length (L)	mm	990
Width (W)	mm	602
Height (H)	mm	826
Dry weight	kg	186
Fuel tank capacity	l	24

Autonomy

Fuel consumption @ 75%	l/h	1.46
Fuel consumption @ 100%	l/h	1.94
Running time @ 75%	h	16.44
Running time @ 100%	h	12.37

Noise level

Guaranteed noise level (LWA)	dB(A)	93
Noise pressure level @ 7	dB(A)	65

GENSET CONTROL PANELS (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)
- Oil Guard

SOCKET TYPE

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