



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	400
Power factor	cos φ	0.8
Phase and connection		3

**Power Rating**

Standby power LTP	kVA	6.9
Standby power LTP	kW	5.5
Continuous power COP	kVA	5.6
Continuous power COP	kW	4.5

**Single Phase Power Rating**

Single phase standby power LTP	kVA	3.2
Single phase continuous power COP	kVA	3.0

**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 <sup>3</sup>	435
Aspiration	Natural	
Speed governor	Mechanical	
Oil capacity	l	1.6
Fuel	l	Diesel
Starting system	Electric	



### Alternator Specifications

Type	Brushless	
Class	H	
IP protection	23	
Poles	2	
Frequency	Hz	50
Voltage	V	400
Voltage regulation system	AVR	
Standard AVR	AVR 860	
Voltage tolerance	%	1.5

### 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	2
3P+N+T CEE 400V 16A IP44	1