



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	10.8
Standby power LTP	kW	8.6
Continuous power COP	kVA	10.0
Continuous power COP	kW	8.0

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	3TNV70-HGE	
Engine cooling system	Water	
Nr. of cylinder and disposition	3 in line	
Displacement	cm ³	854
Aspiration	Natural	
Speed governor	Mechanical	
Oil capacity	l	3.8
Fuel	l	Diesel
Starting system	Electric	



Alternator Specifications

Class	H	
IP protection	23	
Poles	2	
Frequency	Hz	50
Voltage	V	400
Voltage regulation system		

Dimensional data

Length (L)	mm	1400
Width (W)	mm	650
Height (H)	mm	975
Dry weight	kg	325
Fuel tank capacity	l	24

Autonomy

Fuel consumption @ 75%	l/h	2.61
Fuel consumption @ 100%	l/h	3.38
Running time @ 75%	h	9.20
Running time @ 100%	h	7.10

Noise level

Guaranteed noise level (LWA)	dB(A)	96
Noise pressure level @ 7	dB(A)	68

GENSET MANUAL CONTROL PANELS MCP #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

INSTRUMENTATION

- Voltmeter
- Hourmeter

PROTECTIONS

- Circuit breaker
- Differential protection (DPP)
- Engine Protection unit: High engine temperature; Low oil pressure; Battery Charger alternator failure.

SOCKET TYPE

- 2P+T CEE 230V 16A IP44
- 2P+T CEE 230V 32A IP44
- 3P+N+T CEE 400V 16A IP44

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