

P6000 230/115V HUK

THE SILENT POWER



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

Dimensional data

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

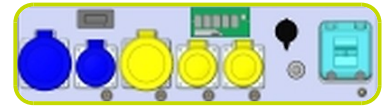
Autonomy

Fuel consumption @ 75% PRP	l/h	1.45
Fuel consumption @ 100% PRP	l/h	1.94
Running time @ 75% PRP	h	16.55
Running time @ 100% PRP	h	12.37

Noise level

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

GENSET CONTROL PANELS (HUK)



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
- Voltage switch 230/115V

INSTRUMENTATION (DGT)

- Voltmeter
- Hours-counter
- Frequency meter

PROTECTIONS

- Circuit breaker
- Thermal protection
- Cover protection circuit breaker IP55
- Engine Protection unit: High engine temperature; Low oil pressure; Low fuel level.

SOCKET TYPE

2P+T CEE 115V 16A IP44	2
2P+T CEE 115V 32A IP44	1
2P+T CEE 230V 16A IP44	1
2P+T CEE 230V 32A IP44	1