

## P4500 230/115V 50HZ 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 $\phi$	0.9
Phase and connection		1

#### Power Rating

Standby power LTP	kVA	4.1
Standby power LTP	kW	3.7
Continuous power COP	kVA	3.5
Continuous power COP	kW	3.1

#### 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		L70N Electric
Engine cooling system		Air
Displacement	cm <sup>3</sup>	320
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Diesel
Oil capacity	l	1.1
Starting system		Electric

### Alternator Specifications

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

### Dimensional data

Length	(L) mm	800
Width	(W) mm	520
Height	(H) mm	690
Dry weight	Kg	94
Fuel tank capacity	l	18

### Autonomy

Fuel consumption @ 75% PRP	l/h	0.93
Fuel consumption @ 100% PRP	l/h	1.24
Running time @ 75% PRP	h	19.35
Running time @ 100% PRP	h	14.52

### Noise level

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

## 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

- Voltmeter

### PROTECTIONS

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

### SOCKET TYPE

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

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