

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

Dimensional data

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

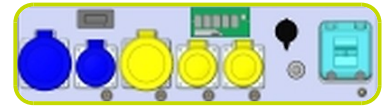
Autonomy

| | | |
|-----------------------------|-----|-------|
| 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 |

Printed on 17/12/2015 (ID 2524)

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