

P6000 230V 50HZ #AVR #CONN #DPP

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 | | 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 | % | 2 |
| Voltage regulation system | Electronic | |
| Standard AVR | AVR 520 | |

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 | 1.46 |
| Fuel consumption @ 100% PRP | l/h | 1.94 |
| Running time @ 75% PRP | h | 16.44 |
| Running time @ 100% PRP | h | 12.37 |

Noise level

| | | |
|------------------------------|-------|----|
| Guaranteed noise level (LWA) | dB(A) | 93 |
| Noise pressure level @ 7 m | dB(A) | 65 |

